

Motorized precision stages

KSA series motorized translation stages

KSAxxx-11/12-X series high-precision motorized translation stages

KSA xxx-11/12 series high-precision motorized translation stages has adopted new structure and crafts ;the key index is up to the international level of similar products by rigid inspection .Application for motion fields which needs high linearity.For example :femotosecond laser experiment, laser processing,three-dimensional scanning measured system and so on.



■Product characteristic

- ☐High-precision ball screw,ultra-precision linear slide ,ensure the accuracy and linearity of motion;Besides,outsourcing units are all international famous brand.
- ☐The key and main self-made parts have high processing accuracy by ultra-precision processing.
- ☐Strictly,unique assembly process ,ensure consistancy of the product performance .
- ☐The design of the limited switches and zero switch ensure safety .
- ☐Achieve closed-loop by import grating combinate with MC600 controller.

■ Specification

Model	KSA050-11/ 12-X	KSA100-11/ 12-X	KSA150-11/ 12-X	KSA200-11/ 12-X	KSA300-11/ 12-X	KSA400-11/ 12-X
Travel range(mm)	50	100	150	200	300	400
Drive screw pitch	4					5
Closed-loop resolution(μm)	1					
Open-loop resolution(μm)	2.5					3.125
Max speed(mm/sec	40					50

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Tel: 0744-3295660; Fax : 0744-2366743; Mobile: 09314235320

)				
Repeatability (μm)	<3			
Backlash (μm)	<5			
Yaw (")	<15	<20	<25	<30
Pitch (")	<15	<20	<25	<30
Straightness(μm)	10	12	15	20
Flatness (μm)	10	12	15	20
Stepper motor(angle)	42BYGH (1.8°□		57 BYGH (1.8°□	
Working current(A)	1.7		2.4	
Center Load(kg)	30		50	

■**Highlight:** 11 series base adopts high-quality aluminum alloy ,12 series base adopts alloy steel ,suitable for group-dimension and vacuum.

■**Related products**

- 42,57 stepper motors;
- Special data wire;
- Motorized translation stages controller;

KSAXxx-13-X series precision motorized translation stages

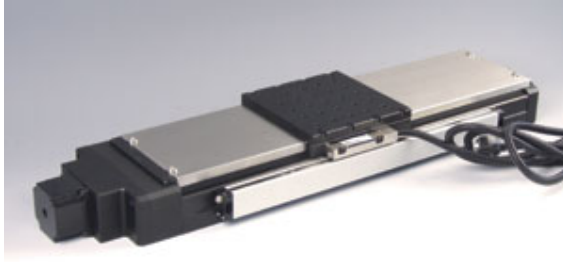
This series is developed for industrial customers,the base has adopted u-shaped new construction and super-rigid ,special for high-load and group-dimension.Elastic gasket ensure sealing of motion .The key index is up to the international level of similar products by rigid inspection .Euipped with 1 μm resolution of import grating (according to customers's different requirements,we can change higher resolution).

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■Product characteristic

- ☐ Combined with MC600 series controller ,achieve closed-loop.
- ☐ High precision ball screw,ultra-precision linear slide, ensure the accuracy and linearity of motion.
- ☐ The key and main self-made parts have adopted ultra-precision processing.
- ☐ Strictly, unique assembly process, ensure consistancy of the product performance.
- ☐ The design of the limited switches and zero switch ensure safety .

Specification

Model	KSA050-13-X	KSA100-13-X	KSA200-13-X	KSA300-13-X	KSA400-13-X
Travel range(mm)	50	100	200	300	400
Drive screw pitch (mm)	4				5
Closed-loop resolution(μm)	1				
Open-loop resolution(μm)	2.5				3.125
Max speed(mm/sec)	40				50
Repeatability(μm)	<3				
Backlash (μm)	<5				
Yaw (")	<15		<20	<25	<30
Pitch (")	<15		<25	<30	<40
Straightness(μm)	10		12	15	20
Flatness (μm)	10		12	15	20
Stepper motor(angle)	42BYGH (1.8°□			57 BYGH (1.8°□	
Working current(A)	1.7		2.4		

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■Highlight

Accept customized, please contact us .

■Related products

- ☐ 42,57 stepper motor;
- ☐ Spectial data wire;
- ☐ Motorized translation stages controller;

KSAV1010-ZF Precision motorized vertical stage

KSAV1010-ZF is new product, wedge vertical stage with high-resolution, so many advantages: high-stability, high-load and capacity in vertical position, self-locking.

Specification

Model	KSAV1010-ZF
Travel (mm)	10
Tbale size(mm)	100x100
Drive screw pitch(mm)	1
Resolution (8 subdivision) (μm)	0.3125
Max speed(mm/sec)	10
Repeatability (μm)	<5
Stepper motor (step angle)	57(0.9°)
Working current□A□	2.4
Load capacity□kg□	10



PSA series precision motorized tranlation stages

PSAxxx-11-X series precision motorized tranlation stages

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■Product characteristic

- ☐ Stepper motor and RS232 interface combine with SC300,MC series controller, achieve automatical control.
- ☐ Grinding ball screw ,linear slide and elastic couplings adopt high-quality products ,provide quality assurance .
- ☐ The design of limited switches and zero switch protect products and supply convenience;Standard interface is convenient for singal's output.
- ☐ The back of motorized stages has handwheel , it is for convenience for adjustment;
- ☐ Standard hole is so easy for combine with other units, ensure convenience for multi-dimensional system;

■Specification

Model	PSA050-11 -X	PSA100-11 -X	PSA150-11 -X	PSA200-11 -X	PSA300-11 -X	PSA400-11 -X
Travel range(mm)	50	100	150	200	300	400
Drive screw pitch(mm)	4					5
Resolution (8 subdivision) (μm)	2.5					3.125
Max speed(mm/sec)	40					50
repeatability(μm)	<3					
backlash(μm)	<5					
Straightness	<10 μm	<10 $\mu\text{m}/100\text{MM}$				
Flatness	<15 μm	<15 $\mu\text{m}/100\text{MM}$				
Stepper	42BYGH (1.8°□				57 BYGH (1.8°□	

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motor(angle)		
Working current(A)	1.7	2.4
Max. Center Load(kg)	30	50

■Highlight

Accept customized,please contact us .

■Related products

- ☐42,57 stepper motor;
- ☐Special data wire;
- ☐Motorized stages controller;

PSAxxx-11-Z series precision motorized translation stages



■Products characteristic

- ☐Stepper motor and RS232 interface combine with SC300,MC series controller , achieve automatical control.
- ☐Grinding ball screw ,linear slide and elastic couplings ,all adopt high-quality products ,providing quality assurance .
- ☐The design of limited switches and zero switch protect products and supply convenience;Standard interface is convenient for singal's output.
- ☐Standard hole is so easy for combine with other units, ensure convenience for multi-dimensional system;
- ☐Connection of Right angle fixed-block ensure perpendicularity.

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☐ Loss-electric protectional devices ensure safety .

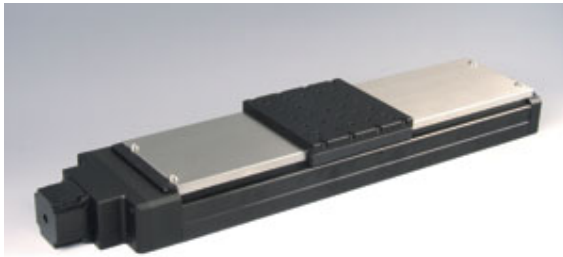
☐ If need higher load, suggest that install decelerate motor

■ Specification

Model	PSA050-11-Z	PSA100-11-Z	PSA150-11-Z	PSA200-11-Z	PSA300-11-Z	PSA400-11-Z
Max center load	5kg				10kg	
Max speed	40(mm/sec)				50(mm/sec)	
Other index is the same with PSAXXX-11-X series						

PSAxxx-13-X series precision motorized translation stages

This series is developed specially for industrial customers, The base has adopted u-shaped new construction ,super-rigid, and special for high-load and group-dimensional. Elastic gasket ensure sealing of motion .The key index is up to the international level of similar products by rigid inspection. Especially suitable for high-seal and un-dust application fields ;For example: laser piezo cutting ,LCD cutting and solar panels cutting.



■ Products characteristic :

- ☐ Precision ball screw, precision linear slide, ensure accuracy and linear of motion.
- ☐ Key and main self-made parts have adopted integrated processing ,ensure rigidity of products.
- ☐ The design of the special seal, ensure the sealing ; Application fields for laser processing and laser cutting .
- ☐ Unique, strictly assembly process, ensure the consistency of the products.

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□ Limited switches and zero switch ,ensure the safety. ■ **Specification**

Model	PSA050-13-x	PSA100-13-x	PSA200-13-x	PSA300-13-x	PSA400-13-x
Travel Range(mm)	50	100	200	300	400
Drive screw pitch(mm)	Ball Screw, Pitch 4 mm				Ball Screw, Pitch 5 mm
8 sub -Resolution (μm)	2.5				3.125
Max speed (mm/sec.)	40				50
Repeatability (μm)	<3				
Backlash (μm)	<5				
Straightness	<10μm	<10 μm/100mm			
Flatness	<15μm	<15 μm/100mm			
Stepping Motor	42(1.8°)	57(1.8°)			
Working current□A□	2.4				
Max. Center Load(kg)	50	70			

■ **Highlight:** Accept customized for special measurement,please contact us.

■ **Related products**

- 42,57stepper motor;
- Special data wire;
- Motorized precision stages controller;

PSAV series high-load motorized vertical stages

Super elevator-new high-load motorized vertical stages

It is new products,Application for high-load condition;Max load is 300kg;Motor drive(can choose manual);travel are 30mm,100mm.Welcome to contact us .

■ **Specification**

Model	PSAV030-ZF	PSAV100-ZF
Travel (mm)	30	100
Table dimension	238*238(accept customize)	
Reduction ratio	21:2	
Limited switch	Have limited switch	

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Max speed of no-load	5
Stepper motor	57(1.8°)
Working current (A)	2.4
Max centre load (kg)	>80kg(related to motor torque)



PSAV030-ZF



PSAV100-ZF

PSAG high-load motorized goniometer stages

It is new product;Application for high-load condition;Max load is 50kg;.Range of angle is $\pm 15^\circ$,welcome to contact us .

Model	PSAG15-250	PSAG15-370
Angle $\square^\circ\square$	± 15	± 15
Table dimension (mm)	280×250	340×250
Height of axis	250	370
Slide	circle	
Rotation ratio	610:1	870:1
Resolution (8 subdivision) ($^\circ$)	0.00018	0.00013
Stepper motor	57(1.8)	57(1.8)
Working current (A)	2.4	

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Max center load (kg)	50
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PSAG15-250



PSAG15-370

TSA-C series ultra-thin motorized translation stages

Rotation with super grinding ,slide with v-shapped rail ,elastic couplings have adopted import high-quality products,supply quality assurance .The design of the limited switches and zero switch and standard interface are converient for output of sigal ;Equipped with handwheel in the back of motor ,achieve manual adjustment;Standard hole is convenient for combined-dimensional . The height is 30mm,the largest height is only 44mm.Application for little height of space,little travel,high resolution fields.

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■ Specifications

Model	TSA30-C	TSA50-C
Travel Range□mm□	30	50
Drive screw pitch	1	
Resolution(8 subdivision) (μm)	0.625	
Max speed (mm/sec.)	10	
Repeatability (μm)	□5	
Stepping Motor	42(1.8°)	
Working current□A□	1.7	
Max. Center Load(kg)	10	
Weight(kg)	1.25	1.4

■Related products

□Special data wire;

□Motorized precision stages controller;

TSAx-(A) series standard (precision) motorized translation stages

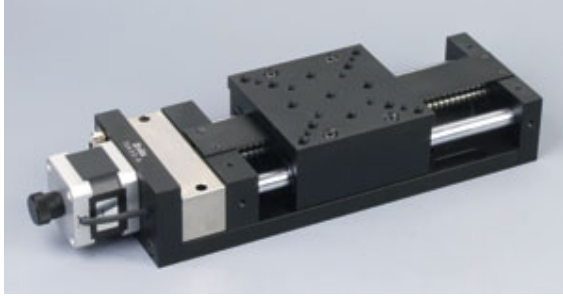
Standard products has adopted ball screw,precision products has adopted grinding screw ;Slide has adopted linear bearing,Elastic couplings adopt high-quality imported products ,ensure machine quality .The design of limited swiches and zero switch has protected products ;Standard interface is convenient for signal output;The handwheel in the back of motors can achieve manual adjustment, Standard hole is convenient for combined-dimensional,It is so convenient for combined with other parts;Application for low load and high-precision filed.

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■ specifications

Model	TSA50-(A)	TSA100-(A)	TSA150-(A)	TSA200-(A)
Travel Range□mm□	50	100	150	200
Drive screw pitch	4			
Resolution(8 subdivison) (μm)	1.25			2.5
Max speed (mm/sec.)	20			40
Repeatability (μm)	□5 ; (-A□3)			
Stepper Motor	42□0.9°□			42□1.8°□
Working current□A□	1.7			
Max. Center Load(kg)	15	10	7	
Weight(kg)	2.75	3	3.3	3.8

■Related products

- 42,57stepper motor;
- Special data wire;
- Motorized precision stages controller;

TSAx-B(F)series overloading motorized translation stages

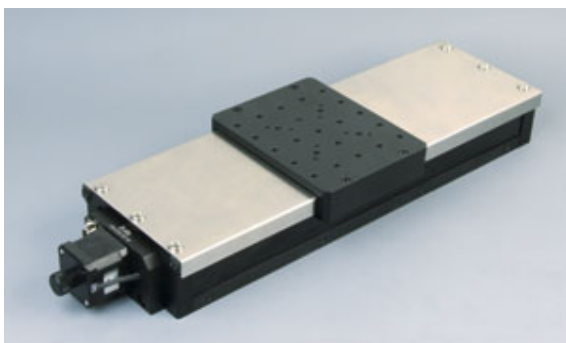
Standard products has adopted ball screw,precision products has adopted grinding screw ;Slide has adopted linear bearing;Elastic couplings adopts high-quality imported products ,ensure the machine quality .The design of limited swtiches and zero switch,standard interface are convenient for signal's output. The handwheel in the back of motors,can achieve manual adjustment. Standard hole is convenient for combined-dimensional ;Additionally , can reload servo- motor ,assemble grating,install un-dust cover ;Application for high load and high-stability fileds ,extensively used in industry.

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- ☐ overloading motorized translation stages with un-dust cover, the model is added F behind of the original model, For example :TSA200-BF.

■ Specification

Model	TSA150-B	TSA200-B(F)	TSA300-B(F)	TSA400-B
Travel (mm)	150	200	300	400
Drive screw pitch(mm)	4			5
Resolution (8 sub-division) (μm)	1.25	2.5		3.125
Max speed (mm/sec.)	20	40		50
Repeatability (μm)	<5			
Stepper mototor	42(0.9°)	42(1.8°)		57(1.8°)
Working current (A)	1.7			2.4
Max centre load (kg)	30			50
Weight(kg)	4.8	5.75		11.5

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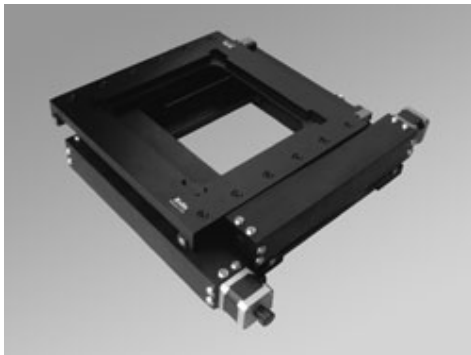
■Related products

- ☐42,57stepper motor;
- ☐Special data wire;
- ☐Motorized precision stages controller;

TSAW series two-dimensional motorized translation stages

TSAW series motorized two-dimensional whole translation stages has adopted two-dimensional whole design,achieved spacial x and y axes displacement adjustment automatically by stepper motor drive ;handwheel can euip with motorized or manual .

Key parts:precision ball screw ,ealstic couplings both are high-quality,ensure the machine's quality.Motor connect with ball screw by elastic couplings ,exclusive backlash and processing error;Relative motion parts has adopted crossed-roll rail rolling friction ,install limited switches protecting products;Standard interface is convenient for signal's output,The table can install glass ,the base has the two fixed ways :screw thread and aperture,Please install them according to your requirements.



■ Specification

Model	TSAW100×100-XY-(A)
Travel Range(X*Y)□mm□	100x 100
Drive screw pitch	4
Repeatability (μm)	□5□ (-A□3)
Resolution(8 sub-division) (μm)	1.25
Stepper Motor	42B(0.9°)
Working current□A□	1.7
Max. Center Load(kg)	20

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■Related products

- ☐42,57stepper motor,decelerate motor,loss eletric contoller
- ☐Special data connection cable
- ☐Motor precison stages control box

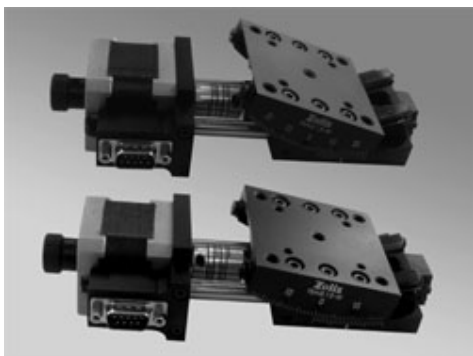
TSAG series motorized goniometers

TSAG series motorized goniometers achieve optics tilt adjustment ,adopt stepper motor ,ensure tilt angle adjustment automatically ,Achieve handwheel or motorized .

Two design in pairs,can overlay or alone ;two kinds of radius elaborate designed ,around the same point,two dimensional crossed rotation;

Motor connect with driver by the high-quality imported couplings,exclusive backlash and processing error ; Has adopted worm and worm wheel drive;Relative motions has adopted arc guide rail friction ;install limitied swtiches, protecting products , Standard interface is convenient for signal's output,can reload servo-motor.

Standard hole is convenient for combined-dimensional



■ Specification

Model	TSAG10-W	TSAG15-W
Travel Range□mm□	±10°	±15°
Table Size	65 x 65	
Guides	Ball guide way	
Transmission ratio	352:1	252:1
Resolution(8 sub-division) (μm)	0.00032°	0.00045°
Repeatability (μm)	0.0043°	0.0047°
Stepper Motor	42(0.9°)	

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Working current□A□	1.7
Max. Center Load(kg)	4
Weight(kg)	0.75

RAK series high precision motorized rotaion stages

New construction ,new technology;the key index has up to the international level of the similar products by strictly inspection .This series products are used to laser precision processing,three dimensional scanning measurment system and so on .

- Stepper motor drive ,finish angle adjustment automatically;
- Worm and worm wheel has adopted durable to friction material ,high reliable accuracy of rotation .
- High precision ,ultra steel axes of importing ,achieve high precision, high load stable motion
- Outer circle has scale, interface , convenience for signal's output
- Circle grating and encoder combine with MC series controller ,achieve closed-loop control



■Spfication

	RAK100	RAK200	RAK350
Motion Range	360°	360°	360°
Table Size	Diameter 100 mm	Diameter 200 mm	Diameter 350 mm
Drive screw pitch	Ground Worm Gear		
Worm Gear Ratio	1 : 180		1 : 320
Material	AL		

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Finish	Black Anodize		
Guide	Crossed Roller Bearing		
Stepper Motor	42M-1.8S	57M-1.8S	
Max. Center Load	30 kg	50 kg	100 kg
Resolution	0.00125°	0.00125°	0.0007°
Backlash	0.01°	0.01°	0.015°
Repeatability	0.005°	0.005°	0.003°
Surface Runout	<15 um	<10 um	<20 um
Roundness	<15 um	<10 um	<20 um
Max. Speed	25° /Sec.	25° /Sec.	14° /Sec.
Rotary Encode	Option		

■Related products

- ☐42,57 stepper motor
- ☐Special data wire
- ☐Motorized stages controller

RAuK20-100

It is a new product with ultra-high resolution, closed-loop contro;,,Adopts imported grating,achieve ultra-high resolution rotation reset ,besides,has some advantages compare with RAK;Adopted imported crossed ball screw slide,improve all the indexs.

Application fields: Metal processing equipment; Semiconductor Equipment; Biomedical equipment; Requirements of high precision rotary

Model	RAK100	RAuK20-100
Table diameter□mm□	100	
Material	Aluminum alloy	
Ratio	180□1	
Resolution of open-loop □°□□□	0.00125°□4.5□□	
Closed-loop□°□□□□	-----	0.0005°□1.8□□
Max speed □deg./sec.□	25	
repeatability□°□	<0.005°	<0.0005°
Radial □μm□	<15	
Axial runout □μm□	<15	
Stepper motor □□□□□	42□1.8°□	

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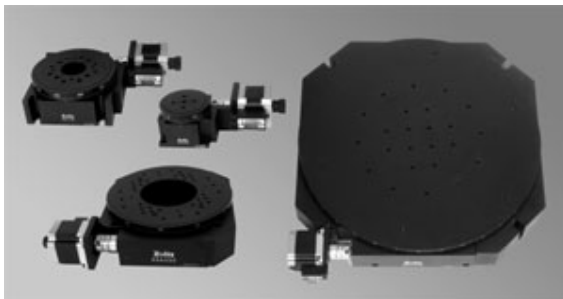
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Working Current □A□	1.7
Load capacity □kg□	30



RSA series motorized rotation stages

RSA series achieve adjustment of angle automaticly by stepper motor ,precision worm and worm wheel drive,precision axial design,ensure high precision, and high load .Stepper motor connect with rotation units by high quality elastic counplings,Reduce backlash error of processing,visual scale of outer circle,standard interface, convenience for signal's output ,application for handwheel by manual or motorized by hand,reloading servo-motor.



■Specification

Model	RSA60	RSA100	RSA200	RSA400
Rotation ratio	90:1	180:1		720:1
Relsolution (8 subdivision)	0.0025°	0.00125°		0.0003125°
Max speed(Deg./sec)	50	25		5
Repeatability	□0.01°	□0.005°		□0.003°

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Stepper motor	42(1.8°)		57(1.8°)	
Working current(A)	1.7		2.4	
Max center load(kg)	30	50	60	80
Weight (kg)	1	1.54	7.7	19.75

■Related products

- ☐42,57 stepper motor
- ☐Special data wire
- ☐Motorized stages controller

Motorized combination application

In order to meet different customers's needs,we have combined so many models,Achieve different dimensionsl adjust .Specification,size and other indexs,please refer to related products with combination.

The following example for the combination of pictures, but if need special combination, please contact us.

Attention:

All the motorized stage have the limited of self-weight and load capacity ,please consider them when combine.

Ecentric load: the actual allowable load is calculated as follows

Actual load (F)=center load /(1+L/d)

L-load eccentricity(mm)

d-table diameter or width

(http://www.zolix.com.cn/templates/channel/index_84.html)

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Jhawar Kunj, Near Bajrang Dal Mill, Kotri, Kota, Rajasthan, India – 324007

Email: gholographics@mail.com; www.genuineholographics.com

Tel: 0744-3295660; Fax : 0744-2366743; Mobile: 09314235320

Show customized

Zolix make many composited systems these years, Clients supply drawings ,we make it ;Or we make it after the clients supply requirements. If you have some innovations or ideas ,please contact us, we have excellent experiences engineers, strong products ability and system loading experiences, will make your dreams come true.

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Prism polarization detection system



Visual simulation system



Satellite tracking system



Preparation of fiber-optic systems research



Large-scale displacement laser interferometer system



Biological fluorescence imaging system



12-inch wafer cutting system

MC series motion control box

MC series is a multi-functions product, used to measuring and position controlling, excellent quality and high cost performance. MC 600 achieve point to point (control 4 axis or 2 axis) of translation and rotation and goniometers stages. equipped with stepping motor drive or swap-actuator driver. Abundant parameters, flexible online communication commands, make the system easier and more effectiveness, can achieve the linear interpolation of 3 axis and the circle interpolation of 2 axis.

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■ This system adopted 32 bits DSP processors, achieved high precision control of high arithmetics, the closed-loop control of digital PID ensure deceleration or acceleration of accuracy and position control ;stepping motor drive achieve 128 sub-division, ensure stable ability of low speed stepping positional repeatability

The use of servomotor meet the indication of high speed motion.

■ Two models :inching and increment

□ Inching: quickly locate to target ,accelerate process of experiment

□ Increment: suitable for positional locating applications

■ Meet to the combination control of many motorized stages and rotation stages

□ Angle value: display of angle displacement

□ Mm unit: display of linear displacement (motorized linear displacement stages)

■ Four axes have closed-loop control function (achieve by grating ruler/rotation encoder external)

■ Make the adjustment of position and position accuracy

■ The accuracy of position system is depend on accuracy of grating ruler and encoder

■ Decided the speed of return original, initial speed constant speed and accelerate speed and software position limit ,suitable for different control; For example: the system need limit response time, set up larger original or accelerate speed ;system need stable motion, light force, set up small original or accelerate speed ;system need constant speed can choose constant motion model

Set up any position as the working origin

■ The design of zero simple operation ,composed photonic sensor combine with position arithmetic, increase the accuracy of the physical zero

■ Read logical position, real position ,driver speed, accelerate speed all the time in motion etc status parameters

■ 16 road I/O set up output external or trigger output by program. when I/O is input internal, as stop motion or signal of operate special processing

■ When I/O is input I/O as the interface hardware of monitor device status

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- Achieve indication of motion control by zolix MC antivex.additionally ,finishing simple programme by MC control software,set up motion parameters and location parameters conveniently
 - Compare with self-made, reducing workload
 - Display surface of 240x128 lattice LCD,aboundant content,the design of style of menu .is easy to set up parameter
 - ☐Multi-menu function,convenient for set up parameter
 - ☐Display the parameter of x y z t axes simultaneously
 - ☐Choose different model of operating
 - ☐Display measure units
 - Store the parameter ,non- loss electric,simple operating process
- Lead meachanism of translation .radius of rotation and motion parameter is set up , can memory, avoid the reset parameter when open and close PC,avoiding the error from artificial.
- Joy stick achieve manual scanning of three directions and target tracing.,flexible control, it achieve manual control by yaw, pitch, tilt ,clickwise rotation, convenient for remote prelocate and range scanning.the speed of joy stick have plus and minus total 8 achieve switch by tilt angle of rotation and stop time.convenient and flexible



■Specification

Model	MC600-4B	MC600-2B	MC600-2CP200
Numbers of axis	4-axis stepper motor	2-axis stepper motor	axis servo motor
Motion control	30mhz DSP controller		
	Digital PID servo control		
	adjustment of terraced speed		
	synchronous and asynchronous motion		
	Inching and increment model		
	3 axis linearity interpolation 2-axis circle interpolation		

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Output trigger	open collector output
sensor	zero photonic switch I limit switch and limit switch
Matching	joy stick
Mating software	Zolix MC software
	MC activex software
Commumication interface	RS232,USB2.0
I/O	16 digital Programmable TTL I/O(8 as a group)
Memory	512KB Flash Non-Volatile Firmware
Display panel	LCD ,240x128 lattice,105mmx56mm
Stepping motor	2 or 3 stepping motor(24v,3.5a max
	Closed-loop or open loop
	300khz impulse frequency
	128xmax.
Power and consumption	115/220v,60/50hz,400w(max)
Appearance size	440x395x145mm

SC300

SC300 series stepper motor box is a integralted system of 1-3 axis point to point location target ,particular to translation and rotation stages.equipped with stepper motor drive ,strong control function ,control panel achieve man-manchine design,operate stages without PC,providing RS232 interface,users can control by zolix motion manager stages software;program by communication protocol or OCS activex.,control the whole stage by SC300

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■Specification

- ☐ Power voltage: 220V/50HZ
- ☐ Numbers of axis: 1-3 axis (each axis has separate function key, directly control axes)
- ☐ Motor and driving: 2 phase stepper motor
- ☐ Subdivision
SC300A: 2, 4, 8, 16, 32, 64
SC300B: 2, 4, 8, 16, 32, 64, 128
- ☐ Pulse speed: 400PPS-18KPPS
- ☐ RS232 standard interface
- ☐ Acceleration deceleration model: triangle or trapezoidal
- ☐ 8 units lead display
- ☐ Appearance size: 365X132X360
- ☐ Weight: 6KG

SC300 activex

Zolix SC300 activex suit to control box of zolix SC300 stages, SC300 control box adjust by ultra-terminal devices, commands should familiar with our control protocol, in order to the second developed, we adopt zolix SC300.OCX, reducing development time. we provide whole software, make you understand controller

Functions

- ☐ Zolix SC300 is developed by vc6, sealed with protocol of stages, users can program quickly with knowing the control protocol.
- ☐ Zolix SC300 equipped with the function of communication and control. don't need to understand programme
- ☐ Providing vb example and indication of SC300, users only use the second developed file, convenient for control stages
- ☐ Flexible, positive of setting up surface, suitable for this style of software

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SC300 software

- ☐ Integral operational surface, software support english surface display, including the whole activex function
- ☐ Operating of target and increment, is easy for position of stages
- ☐ Set up operating formula , constant operating conveniently

ZolixMC activex

ZolixMC activex suit to control box of zolix MC300 stages, MC300 control box adjust by ultra-terminal devices, commands should be familiar with out control protocol, in order to the second developed , we adopt zolix MC.OCX, reducing development time. we provide whole software, make you understand controller

- ☐ Zolix MC is developed by vc6, sealed with protocol of stages , users can program quickly with knowing the control protocol.
- ☐ Zolix MC equipped with the function of communication and control . Donot need to understand programme

Providing vb example and indication of SC300, users only use the second developed file, convenient for control stages. flexible, positive of setting up surface , suitable for this style of software

- ☐ Zolix MC provide basic test and simple test surface, is easy to test of controller and motorized stages

Software

- ☐ Integral operational surface, software support english surface display, including the whole activex function
- ☐ Operating of target and increment, is easy for position of stages
- ☐ Set up operating formula , constant operating conveniently

HC-100 motorized stage controller

HC-100 is Simple and Robust function motion controller , low price, outstanding performance, continuous adjust speed, In the single-step operation and can run continuously switch between the built-in high-performance stepper motor drive to support high number of segments (256 segments), support a variety of 2-phase stepper motor, the maximum current of 3.5A, detailed details , please contact us.

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Manual precision stages

□Outline

Manual stages series is used to adjust free degree of translation , vertical ,rotation.Suitable for low automation and low frequency fields.zolix co, specialized in stages series:including;translation stages.vertical stages,rotation stages,tilting stages,goniometer stages,whole multi-axis stages.according to travel,rotation angle,driver type,classify many series.composite freely ,meet so many indications.if you have some other inquires ,please contact us,we have abundant experience engineers to help you.

□Materials

Material Optical block have aluminum,steel copper

- Aluminum:light metal,easy to process ,low-cost ,well heavy rate.high-anti-vibrate,stable time;although high co-efficient of temperature expansion ,excellent transmissibility ,min-deformation when temperature has big changes.un-dust,uncorrode;after finishing positive pole is anodized,durable to friction,micro-bore of oxidized has grinding effective,non-mirror reflection.suitable for optics experiment,not suitable for vacuum.,aluminum is preferred
- Steel:high elastic,harden well,low co-efficient of expansion,excellent stability ,hard to process ,costly corrode,need electroplate,screw and other units can oxidized and turn

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black,non-spray paint.the paint will go off ,contaminate lens gradually ,well corrod ,suitable for vacumm,non mirror reflection

●Copper:

Non-good heat effect;advantages are durable to friction,high clean ,combining with steel usually ,finish adopt electroplate,optics anodized

□Driving type

Optical plates are manual adjustment,drivers are fine teeth screw, micrometer,

Micrometer is used to quantitative adjustment,fine teeth screw cannot achieve quantitative,but ultra-fine teeth of 0.25 lead providing high resolution and low cost

RSM56-1/73-1 precision rotation stages

RSM56-1/73-1 has adopted coarse-fine design, circle 360 scale, cursor reading, RSM56-1 adopts precision bearing design, M6x0.25 ultra-fine teeth screw drive, high precision, high stability; the diameter of aperture is 26mm, clear light and attached accessories, connect or fix with other devices



RSM56-1, RSM73-1

■Specification

Model	RSM56-1	RSM73-1
Table Dimension ϕ mm	56	73
Drive mechanism	Fine Adjust Screw	Fine Adjust Screw
Diameter	$\phi 26$	M27
Table Hole Pattern	M4	M6, M4
Travel: Coarse	360°	360°

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Travel:Fine	$\pm 3^\circ$	5°
Resolution Readable	2°	1°
Resolution	0.2°	$5'$
Weight	0.15Kg	0.35Kg
Load Capacity	2Kg	5Kg
Side Hole Patten	M4	M6

RSM82-1A precision rotation stages

,RSM82-1A has high precision,high-load,standard aperture ,all suit for different indications ,connect with stages conveniently and composited multi-dimensional stages



RSM82-1,RSM82-1A

■Specification

Model	RSM82-1	RSM82-1A
Table Dimension ϕ mm	82	82
Drive mechanism	Fine Adjust Screw	Micrometer
Diameter	x	x
Table Hole Patten	M6,M4	M6.M4
Travel:Coarse	360°	360°
Travel:Fine	$\pm 10^\circ$	$\pm 10^\circ$
Resolution Readable	1°	1°
Resolution	$2'$	0.002mm
Weight	0.5Kg	0.5Kg
Load Capacity	5Kg	5Kg
Side Hole Patten	M4	M4

RSM50-1K rotation stages

RSM50-1K and RSM50-2K rotation stages adjust angle quickly ,fine-tuning by flexible wheelhand..Thread pressure ring can fix optics of diameter with 2 inch or 50mm in the center of

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M52x1 or combine with other mirror mounts. The surface of rotation stages is 360 scale; Quantitative visual angle and design of precision bearing, it is stable and comfortable; Used in vertical and horizontal. Locked handwheel ensure safety and reliability. RSM50-2K equips with cursor, make the angle accurate to 0.033°.



■Specification

Model	RSM50-1K	RSM50-2K
Table Dimension ϕ mm	50	50
Drive mechanism	Thumbscrew	Thumbscrew
Diameter	M52	M52
Table Hole Patten	M4	
Travel: Coarse	360°	360°
Travel: Fine	x	x
Resolution Readable	2°	2°
Resolution		0.033°
Weight	0.35Kg	0.35Kg
Load Capacity	2Kg	2Kg
Side Hole Patten	M4	M4

RSM50-C rotation stages

It adjust angle quickly , tilt gear drive, increase the accuracy and reliability . Thread pressure ring fix optics of diameter with 2 inch or 50mm in the center of M52x1,; The surface of rotation stages is 360 scale. quantitative visual angle. Design of precision bearing, Ensure stability and

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comfortability. Used in vertical and horizontal. locked handwheel ensure safety and reliability.



**installation of electric stepper
motor can be turned into motorized
rotation stages**

■Specification

Model	RSM50-C
Table Dimension ϕ mm	50
Drive mechanism	Thumbscrew
Diameter	M52
Table Hole Patten	M6
Travel: Coarse	360°
Travel: Fine	x

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Resolution Readable	1°
Resolution	0.001°
Weight	0.75Kg
Load Capacity	5Kg
Side Hole Patten	M6

RSM 100-W precision rotation stages

RSM100-W rotation precision manual adjust ,precision processing worm and worm wheel drive.

Standard hole connect with our self-made products easily,external ring is scale, ensure angle quantitative



■Specification

Model	RSM100-1W
Table Dimension ϕ mm	100
Drive mechanism	Worm Nut
Center Hole Dimension ϕ	x
Table Hole Patten	M6
Travel:Coarse	360°
Travel:Fine	
Resolution Readable	1°
Resolution	0.001°
Weight	0.85Kg
Load Capacity	15Kg

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RSMT-1 tilt rotation stages

The vertical axis as z axis ,providing the angle θ_z along with z axis,tilt adjustment θ_y and θ_x along with y and x axis, Adjust screw is M6x0.25 as the fine teeth screw ,spring reset,achieve fine-tuning.The steel elastic chucking device of the top fix prisms ,It is convenient for load and unload

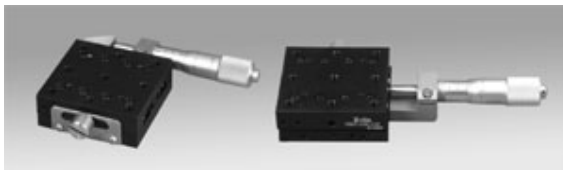


■Specification

Model	RSM100-W
Adjustment range θ_z	7.5°
Adjustment range θ_y	7°
Adjustment range θ_x	7°
Weight (kg)	0.85

KSMT high precision stages

Has adopted high precision crossed-roller slide ,flatness move ,high-load ,long life ;Grinding base and tables ensure straightness,yaw and pitch ;adjsument of dispalcement adopts mico-tuning screw,micrometer or differential micrometer drive.You can choose different drivers according to different resolutions;Remove axial gap by spring reset,Application for high-precision displacement adjustment.



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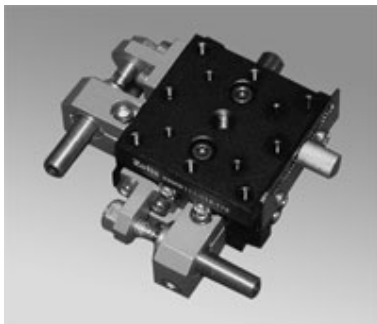
■Specifications

- Travel Range: +/-12.5mm
- Table Size: 65x65mm
- Thickness: 23mm
- Flatness: □10μm
- Pitch □30"
- Yaw □20"
- Weight: 5kg

KSMTW series whole multi-axes stages

KSMTW series is the top of the below dimension is the base of the above dimension ,composite a multi-axis system of compact constructure, convenience and ,high precision .

Adopt high precision crossed-roller slide ,flatness move ,high-load and long life ;Grinding base and tables ensure straightness,yaw and pitch □adjustment of displacement adopt micro-tuning screw,micrometer and differential micrometer.Choose different drivers according to different resolutions;Remove the axial gap by spring reset;drivers of xy axis is installed on the same horizontal,including type L or type R.



■Specifications

- Travel Range □X,Y □ +/-6.5mm
- Table Size □40x40mm
- Thickness □ 34mm
- Flatness □ □30μm

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PSMX series precision stage

PSM series adopt precision linear ball and grinding steel slide ,separately micrometer and screw lead as the M7x0.25 screw drive

The table adopted precision processing,light weight.

High load,spring reset ,remove backlash.drivers including L tpyle and R tpyle,vertical usages,Application for different fields.



■Specifications

Model	PSMX25-1/L1	PSMX25-C1/C2	PSMX25-1A/L1A	PSMX25-C1A/C2A
Travel Range (mm)	12.5	12.5	12.5	12.5
Drive mechanism	Thread Deputy		Micrometer head	

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Minimum reading (mm)	—	—	0.01	0.01
Sensitivity (mm)	0.001	0.001	0.001	0.001
Table size (mm)	65×65	65×65	65×65	65×65
Load (kg)	7.0	2.5	7.0	2.5

■ Besides,has travel range is 13mm.

TSM series precision translation stages

TSM series translation stages adopt linear ball grinding steel and grinding dovetail vice, fine teeth screw, micrometer and grinding screw and so on, remove the axis gap by spring resetting. Providing many choices of many travel, accuracy, load, installed tables. table and base have standard apertures, is easy to install and composite

TSM13 precision motorized translation stages



TSM13-1A TSM13-1



TSM13-2A, TSM13-2

■ Specifications

Model	TSM13-1	TSM13-1A	TSM13-2	TSM13-2 A
Travel Range(mm)	13			
Travel Accuracy(mm)	0.005			
Resolution(mm)	0.002			
Table size (mm)	34x34			
Bearing Type	Ball Bearing			

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Driver	M6x0.25adjustment screw	Micrometer	M6x0.25adjustment screw	Micrometer
Micrometer Position	Center		Side	
Readable Resolution(mm)		0.01		0.01
Max. Load Capacity(kg)	2			
Weight(kg)	0.05	0.07	0.05	0.07

□ Besides, has travel range is 25mm, please contact us

TSM50D-1S

TAM50D-1S has scale in side, make the translation quantitative adjustment



■ Specifications

Travel Range(mm)	50
Readable Resolution(mm)	0.01
Table size (mm)	100x60
Bearing Type	Dovetail
Driver	Leadscrew
Micrometer Position	Center
Cursor readings(mm)	0.02
Max. Load Capacity(kg)	10
Weight(kg)	0.65

TSM75D-1C

□ Dovetail vice as slide □ precisional tilt gear wheel, gear rotation, ensure stability of motion □ large driver

□ High load capacity

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- Handwheel at two sides are convenient for adjustment, cursor make the translation quantitative, ensure high accuracy of translation
- Different size of aperture is suitable for different installed indications. composite multi-dimensional translation stages



■ Specifications

Travel Range(mm)	75
Readable Resolution(mm)	0.01
Table size(mm)	65x110
Bearing Type	Dovetail
Driver	Helical Gear, Rack
Micrometer Position	Center
Cursor readings(mm)	0.02
Max. Load Capacity(kg)	20
Weight(kg)	0.76

TSM125D-1S



■ Specifications

Travel Range(mm)	125
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Readable Resolution(mm)	0.05
Table size (mm)	60x63
Bearing Type	Dovetail
Driver	Leadscrew
Micrometer Position	Center
Max. Load Capacity (kg)	20
Weight (kg)	0.65

This series products has so many rtravel range,please contact us about the details.

TAMV5-1A precision vertailcal stages

Various ratio of wedge technology combine with linear bearing,ultra-precision,high load capacity
micrometer straight driver□operating conveniently



■Specifications

Travel Range(mm)	5
Travel Accuracy (mm)	0.003
Driver	0.5mm Micrometer
Readable Resolution	0.005
Resolution(mm)	0.001
Table size (mm)	64x50
Max. Load Capacity (kg)	10
Weight (kg)	0.6

TSMV5-2S precision vertical stages

Elaborate design□compact construction□ultra-precision screw vice driver□spring tight□remove backlash

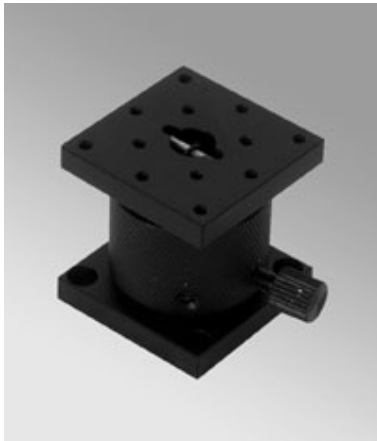
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Right displacement □ connect two-dimensional tilt adjustment mounts
TSMT5-3, TSM13-1(2) conveniently



■ Specifications

Travel Range(mm)	5
Driver	Leadscrew
Table size (mm)	25x25
Weight(kg)	0.05

TSMV13-1A precision vertical stages

High-quality linear ball bearing as the slide □ over the guide □ ensure the motion stable comfort □
high-precision □ micrometer driver, visual quantitative design of the aperture table, fix PHSP series
directly, strong application



■ Specifications

Travel Range(mm)	13
Table Resolution(mm)	0.005

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Cursor readings(mm)	0.01
Resolution (mm)	0.002
Table size (mm)	44x62
Max. Load Capacity(kg)	2
Weight(kg)	0.6

TAMV13-2A precision vertical stages

TSMV13-2A precision vertical stage and TSMV13-1A are the same type, the difference is the external of micrometer drivers, make the vertical driver open and convenient, provides convenience for large space outer. two styles supply more excellent choices



■Specifications

Travel Range(mm)	13
dable Resolution(mm)	0.005
Cursor readings(mm)	0.01
Resolution (mm)	0.002
Table size (mm)	44x62
Max. Load Capacity(kg)	2
Weight(kg)	0.6

TSMV60/120-1S high load lab jack

Application for large motion, unquantitative adjustment in lab. TSMV-1S adopts scissors vertical support, grinding screw driver, two slides and 5 axes, TSMV adopts 6 guides scissors vertical frame, grinding two rotation screw drivers, ensure the stability of motion, comfort, high

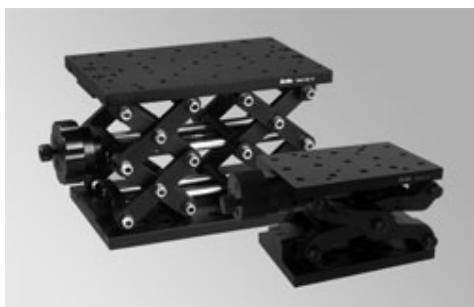
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precision,high load capacity,design of many apertures as the surface, equipped with locked wheelhand



■Specifications

	TSMV60-1S	TSMV120-1S
Travel Range(mm)	60	120
Driver	Leadscrew	
Resolution(mm)	0.01	0.01
Table size (mm)	80x120	140x220
Max. Load Capacity(kg)	20	25
Weight(kg)	1.15	1.85

TSMT series tilt/TSMG goniometer

TILT platforms

TSMT series tilt platforms adopt high quality butterfly spring reset,excellent stability.quantitative adjustment of micrometer,high precision,many apertures are convenient for applications

TSMT3-1A

One axis tilt adjustment center 30mm aperture clean light



■Specifications

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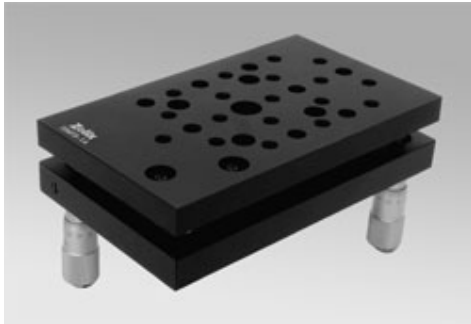
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Axes	One Axes
Platforms	Platforms
Weight(kg)	0.5

TSMT5-1A two axes tilt platforms

Adjustment of two axes tilting ,the construction of point,linear,surface is depend on precision



Adjustment range	$\pm \square^\circ$
Adjustment aixs	Two Axes Platforms
Weight (kg)	0.5

TSMT5-2 TSMT5-3 two dimensional tilt platform

Two demensional adjustment,adjustment screw adopt M6x0.25 ultra fineteeth,achieve precision adjustment,high quality butterfly spring reset,good stability ,high unti-vibration,durable to friction



■Specifications

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Travel Degree	$\pm 0.1^\circ$
Axes Platforms	Two Axes Platforms
Weight(kg)	0.1

TSMT-4 pitching rotation stages



Adjustment range	$\pm 4^\circ$
Axes Platforms	Two Axes Platforms
Rotation angle	$\pm 0.1^\circ$
Weight(kg)	0.3

TSMG30-W/TSMG15-W precision goniometers

This series make the optics element rotate, tilt adjustment. Two pairs of design, compact constructure and overlap, single using elaborate design of two rotation radius, two dimensional crossed- rotate along one point, worm wheel as the driver, precise and reliable, locked wheelhand, stable position.

The same height is 20mm, TSMG30-W, the height of axis from the table is 12.5mm, TSMG15-W the height is 32.5mm

Specifications

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	Table Dimension	Rotation Angle	Rotation Center High	Hole Petten	Max. load Capacity (Kg)
TSMG15-W	25x25	+/-15°	32.5	M2,M4	2
TSMG30-W	25x25	+/-30°	12.5	M2,M4	2



TSMG10-1W/TSMG10-2W precision goniometers

Precision goniometers TSMG10-1W/TSMG10-2W make the optics element rotate, tilt adjust, design in two pairs, compact and overlap, applicable single, elaborate design of two rotation radius. two dimensional crossed-rotate after overlapping, wormwheel vice as the driver, precise and reliable, handwheel locked position and resistant

The same height is 24mm, rotation center high of TSMG10-1W is 100mm, TSMG10-2W is 76mm. Precision goniometers of TSMG10-1W AND TSMG10-2W precise and reliable by precision worm wheel as driver, handwheel locked, stable position. lead screw has high universal



Specifications

	Table Dimension	Rotation Angle	Rotation Center High	Hole Petten	Max. load Capacity (Kg)
TSMG10-1W	65x65	+/-10°	100	M3,M6	2
TSMG10-2W	65x65	+/-10°	76	M3,M6	2

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TSMW series multi-axes translation stages

TSMW series definition is the table of below dimensional stages is the base of the above dimensional stages,make up a multi-dimensional adjust system of compact, easy to use,high precision

TSMW13-XY-1A(L)

Precision linear ball along grinding steel bar slide,micrometer as the driver,comfort,high precision,spring reset ,remove backlash.driver micrometer of xy axis install on the same surface,including l ttype and r ttype.easy to operate.Z axis increase max load capacity by micrometer,(enhance the relative spring ttype),larger load capacity .combining with APFP series fiber adjust mounts,available for adjusting fiber and other related production



■Specifications

Axes adjustment	XY Axes
Travel Range (mm)	13
Swing error	□30"
Driver	Micrometer
Graduation(mm)	0.01
Sensitivity(mm)	0.001
Max. load Capacity (Kg)	7
Weight (kg)	0.4

TSMW13-XYZ-1A(L)

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■Specifications

Axes adjustment	XYZ Axes
Travel Range (mm)	13
Swing error	□30"
Driver	Micrometer
Graduation(mm)	0.01
Sensitivity(mm)	0.001
Max. load Capacity (Kg)	2.5
Weight (kg)	0.9

TSMW13R-XY-1A(L)/TSMW13R-XYZ-A(L)

Appearance for example:the difference is crossed-ball slide

Larger load capacity and higher precision than TSMW13,

■Related products

- APFP-T(L)tw-dimensional adjust mount
- APFP-FH single-mode fiber installed plate

TSMW25-XY-1A(L)

This series adopted precision linear screw ball along grinding steel bar slide ,micrometer as the driver,comfort motion,high precision,spring reset,remove backlash. ,driver micrometer of xy axis install on the same surface,including l type and r type,easy to operate.z axis enhance load capacity by micrometer,larger load,applicable for fiber adjustment and other related production,combining with APFP series fiber adjustment mount

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Specifications

Axes adjustment	XY Axes
Travel Range (mm)	25
Swing error	□ 30"
Driver	Micrometer
Graduation(mm)	0.01
Sensitivity(mm)	0.001
Max. load Capacity (Kg)	10
Weight (kg)	0.7

TSMW25R-XYZ-1A(L) whole multi-dimensional translation stages



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■Specifications

Axes adjustment	XYZ Axes
Travel Range (mm)	25
Swing error	□ 15"
Driver	Micrometer
Graduation(mm)	0.01
Sensitivity(mm)	0.001
Max. load Capacity (Kg)	2.5
Weight (kg)	1.2

TSMW25R-XYZ-1A(L) whole multi-dimensional translation stages

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■Specifications

Axes adjustment	XYZ Axes
Travel Range (mm)	25
Swing error	□ 15"
Driver	Micrometer
Graduation(mm)	0.01
Sensitivity(mm)	0.001
Max. load Capacity (Kg)	2.5
Weight (kg)	1.2

TSMW-XYZ-2A(L)whole multi-dimensional translation stages

The travel of y is 25mm, x z is 13mm,meet to different inquiries

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TSMW-XYZT-1(L) WHOLE 5AXES translation stages

This series adopted precision linear screw along grinding steel bar slide, micrometer-driver, comfort motion, high precision, spring reset, remove backlash, xy micrometer-driven install on the same surface. including l type and r type. easy to use

Z axis enhance load capacity by micrometer, larger load. The table tilt adjust along the z and u axis, adjust screw carry on precision adjustment by M6X0.25 ultra-fine teeth screw. spring reset of high quality, excellent stability, high anti-vibrate. long life. compact and excellent, achieve 5 dimensional adjust. many apertures are suitable for different inquiries, the fixed aperture on the below is convenient for other units



Specifications

Axes adjustment	Five Axes
Travel Range(mm)	Tx,Ty,Tz: 13 mm $\theta_y, \theta_z: \pm 5^\circ$
Swing error	$\square 30''$
Driver	Micrometer
Graduation(mm)	0.01
Sensitivity(mm)	0.001

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Max. load Capacity (Kg)	2.5
Weight (kg)	1.35

APFP precision fiber adjust mounts

This series adopted newly innovation ,humanized,advanced technology,remove disadvantage of traditional products.higher adjust precision,excellent stability,comfort operation.

Coupling drift trouble the people all the time,when long time experiment,coupling effect will change quickly , then need readjust.the units of precision fiber adjust mounts adopted un-steel of excellent heat stability ,never to worry about drifting

□Vibrated interference is being fiber adjust mounts by material elastic deformation achieve displacement adjust..when people walk or speak loudly ,these affect the experiment effectiveness.APFP precision fiber adjustment mounts adopted crossed ball slide , achieve displacement,completely steel adjustment ,best stability

□Compact,micrometer including l and r ttype, approaching the table.please put elbow on the table when adjust comfort

□This series adopt modularity design in order to finish different adjust function.design different adjust function separately ,you can compose them in according with different inquiries, achieve 6 dimensional adjust at last.simutaneouly ,in order to suit for different optics ,we have design kinds of optics mounts, the light path of the mounts height is the same ,easy to exchange low cost

APFP-XY dual dimensional adjust mounts

Provide X Y dual dimensional adjust ,,matched with mirror tube which screw is M20x1, T x:3mm;Ty:3mm



APFP-W-XY dual dimensional adjust mounts

Chucking diameter is 4/5,applicable for chucking microscope,the others is the same with APFP-XY.

Noted: not including filter and pin hole mounts

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APFP-XYZ three dimensional adjust mounts

Providing xyz three dimensional adjust ,equipped with dovetail mounts

Fix optics installed mounts

Including L and R type(left hand is APFP-XYZL)



■Specifications

□Tx□12mm

□Ty□12mm

□Tz□6mm

□warp□□100μ rad

□Load□2.3kg

□High optical center:79mm

APFP-YZ dual dimensional adjust mounts

Providing yz dual dimensional adjust,equipped with dovetail mounts,fix optics installed mounts

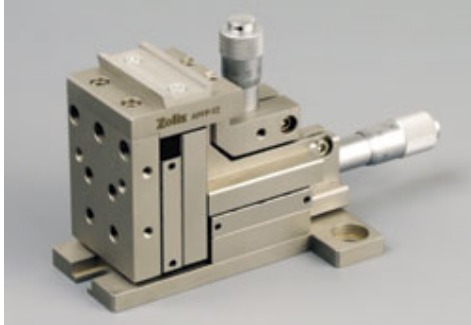
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■Specifications

- Tx□12mm
- Ty□12mm
- Tz□6mm
- warp□□100μ rad
- Load□2.3kg
- High optical center:79mm

APFP-Tdual dimensional tilt adjust mounts

Compose with APFP-XYZ three dimensional adjust mounts ,providing tilt adjust along y and z axis.Equipped with dovetail,fix the optics mounts,this product include L and R tpyle.



Specifications

- θy□±5°□
- θz□±5°
- Resolution□5"

APFP-θx tilt adjust mounts

Compose with APFP-XYZ three dimensional mounts ,providing tilt adjust along x axis,equipped with dovetail ,fix the optics mounts

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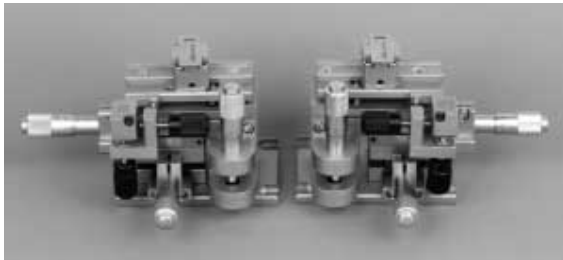
■Specifications

□ θ_x □ $\pm 7^\circ$

□Resolution□6"

APFP-XYZT five dimensional precision adjust mounts

Un-dust steel,well table linearity ,yaw not more than 100,convenient for r hand .combining with APFP-FH ,grasp bare fiber ,applicable for alignment



■Specifications

□ θ_y □ $\pm 5^\circ$ □ θ_z □ $\pm 5^\circ$

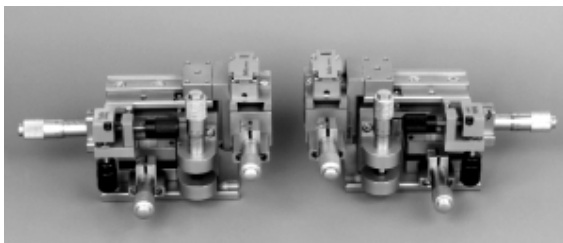
□Tx□12mm

□Ty□12mm

□Tz□6mm

APFP-XYZT0 6 dimensional adjust mounts

Un-dust steel,well table linearity ,yaw not more than 100,convenient for r hand .combining with APFP-FH ,grasp bare fiber ,applicable for alignment



■Specifications

□ θ_x □ $\pm 7^\circ$ □ θ_y □ $\pm 5^\circ$ □ θ_z □ $\pm 5^\circ$

□Tx□12mm

□Ty□12mm

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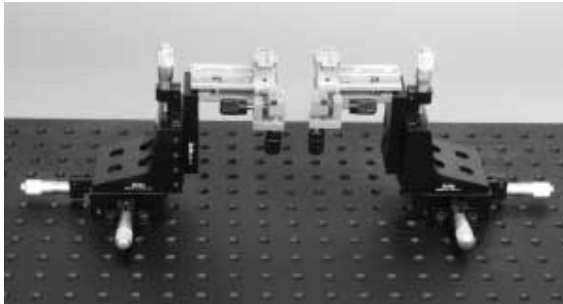
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□Tz□6mm

FP-XYZT 5 dimensional adjust mounts

This series was composed by TSMW13-XYZ whole three dimensional stages and APFP-T un-rust two dimensional pitch stages, compact, precision, cost –effective applicable for fiber alignment of industrial customers, the left hand type is FP-XYZTL



■Specifications

□ θ_y □ $\pm 5^\circ$ □ θ_z □ $\pm 5^\circ$

□Tx□13mm □Ty□13mm □Tz□13mm

□Swing error<30"

□Graduation:0.01mm

APFP-US universal dovetail bracket

The dovetail mounts of the top fix optics installed mounts



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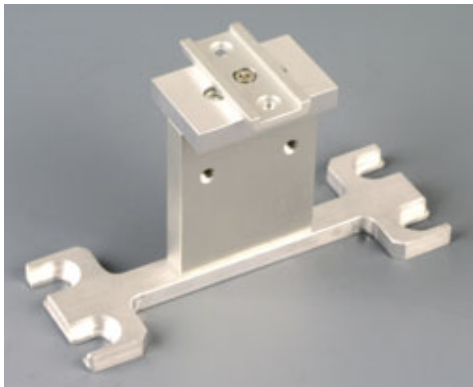
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APFP-TS dovetail bracket

The dovetail mounts of the top fix optics installed mounts



APFP-FH single mode fiber installed mounts

This series fix single fiber, adopt magnetic design, grasp stable and harden fiber. The dovetail groove match with dovetail mounts ,easy to upload and load



APFP-OM microscope lens mounts

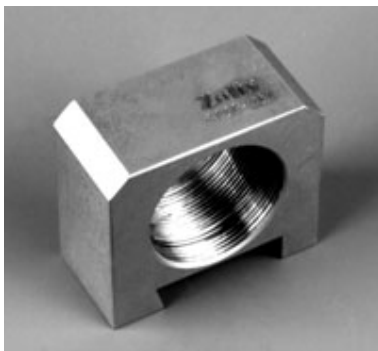
Standard microscope installed screw, fix the microscope. The dovetail groove match with dovetail mounts ,easy to upload and load

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APFP-GH self-focusing lens holders

Fix self-focusing lens, dovetail groove match with dovetail mount, easy to upload and load



APFP-FC fiber chucking mounts

Fix APFP series fiber chucking, dovetail groove match with dovetail mount, easy to upload and load



APFP-UM universal dovetail mounts

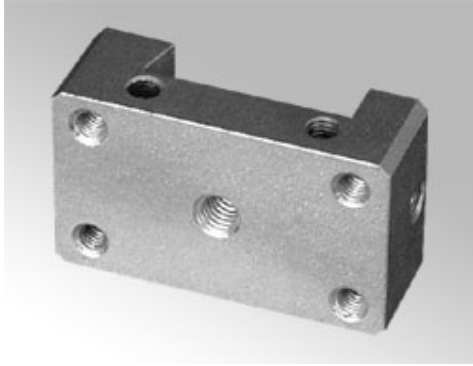
Connect with other connect board ,easy to fix dovetail mounts

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APFP-GB right angle dovetail mounts

APFP-X and APFP-T installed together, compose 6 dimension adjust mounts with APFP-XYZ three dimensional mounts



APFCH-1 Fiber chucking

APFCH-1 adopt elastic clamping, grasp diameter: 0.08-0.2mm; match with APFC series fiber coupling and APFP-FC fiber chucking mounts, stable and convenient



APFCH-2 fiber chucking

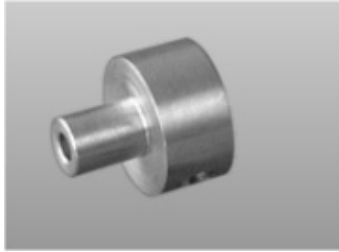
APFCH-2 adopt steel clamping, grasp diameter: 0.2-1.5mm, fix fiber and not crust, match with APFC series fiber coupling and APFP-FC fiber chucking mounts, stable and convenient

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APFCH-3 fiber chucking

Suitable for fiber mounts of many diameter, load conveniently .match with BP-16 base plate and TSMT5-2 dual dimensional tilt mounts, applicable for fiber multi dimensional adjust



ASM combination multi-axis translation stages

This series suitable for different adjust ,put series to compose multi-dimensional adjust mounts,performance index please refer combinaiton products,the below combination is usual combination, we can supply customerize combination.please contact us

ASM13-XY-1(1A) dual dimensional translation stages



■Specifications

- Dimension adjustment:X,Y
- Travel: Tx,Ty□13mm

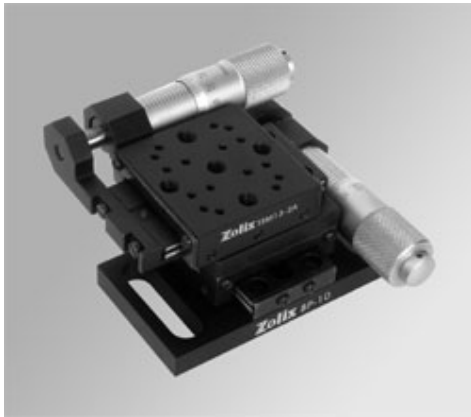
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ASM13-XY-2(2A)



■Specifications

- ☐Dimension adjustment:X,Y
- ☐Travel: Tx,Ty $\square$ 13mm

ASM25-XY-1(1A) dual dimensional translation stages



■Specifications

- ☐Dimension adjustment:X,Y
- ☐Travel: Tx,Ty $\square$ 25mm

Combination products

ASM25-XY-1(1A) dual dimensional translation stages

- ☐Dimension adjustment:X,Y
- ☐Travel: Tx,Ty $\square$ 25mm

TSM25-2(1A) precision translation stage 2pcs

ASM13-XYZ-2(2A) dual dimensional translation stages

- ☐Dimension adjustment:X,Y,Z
- ☐Travel: Tx,Ty,Tz $\square$ 13mm

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Combination products

TSM13-2□1A□ 3pcs

PHOB-5 1pc



ASM25-XYZ-1-1(A) three dimensional combination translation stages



■Specifications

□Dimension adjustment:X,Y,Z

□Travel: Tx,Ty,Tz□25mm

ASM-XYZ-1A three dimensional combination translation stages

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■ Specifications

- Dimension adjustment: X, Y, Z
- Travel: Tx, Ty: □ 25mm
Tz □ 13mm

ASM –XYZ-2A three dimensional combinaiton translation stages



■ Specifications

- Dimension adjustment: X, Y, Z

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□Travel: Tx,Ty□25mm
Tz□5mm

ASM- XY0--1A three dimensional translation stages



■Specifications

□Dimension adjustment:X,Y,Z
□Travel: Tx,Ty□25mm
θz□360°

ASM- XYZ0T--1A 6 dimensional combination translation stages

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■ Specifications

□ Dimension adjustment: X,Y,Z,θx,θy,θz

□ Travel:

● Tx, Ty □ 25mm

● Tz □ 5mm

● θz □ 360°

● θx, θy □ ±5°

ASM25XYZ-RG2 precision 5 dimensional combination translation stages



■ Specifications

□ Dimension adjustment X,Y,Z,θx,θy,θz

□ Travel: Tx, Ty, Tz: 25mm

□ Angle adjustment: θx θy: ±10°, θz: 360°

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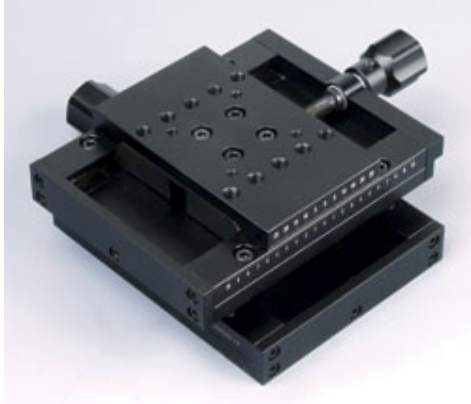
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Adjustable space of six degrees of freedom for applications: optical engine optical thin-film experiments.

ASM50-XY dual dimensional combination translation stages



■ Specifications

- ☐ Dimension adjustment: XY
- ☐ Travel: Tx, Ty: 50mm

ASM75XY-V60 three dimensional combination translation stages

Specification

- ☐ Dimension adjustment: XYZ
- ☐ Travel: Tx, Ty, Tz: 75mm; Tz: 60mm



ASM25XY-RV four dimensional combination translation stages

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■ Specifications

- Dimension adjustment: X, Y, Z, θ_z
- Travel: T_x, T_y : 25mm,
 T_z : 5mm
- Angle adjustment: θ_z : 360°

ASM-RG2 three dimensional combination translation stages

Specification

- Dimension adjustment □ $\theta_x, \theta_y, \theta_z$
- angle adjustment □ θ_x, θ_y : $\pm 10^\circ$, θ_z : 360°



ASM13XY-G2 four dimensional combination translation stages

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ASMV5-TR four dimensional combination translation stages



ASM-VRG2 four dimensional translation stages



ASM25XY-RTV5 five dimensional combination translation stages

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Email: gholographics@mail.com; www.genuineholographics.com

Tel: 0744-3295660; Fax : 0744-2366743; Mobile: 09314235320



Specification

- dimension adjustment :X,Y,Z,θx,θz
- travel adjustment :Tx,Ty:25mm,Tz:5mm
- angle adjustment :θz:360°,θx :±3°

ASM25XY-T4 four dimensional combination translation stages



Specification

- dimension adjustment:X,Y,θx,θz
- travel adjustment :Tx,Ty:25mm,
- angle adjustment :θx:±4°θz :±2.5°

ASM25XY-G2 four dimensional combination translation stages

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Specification

- dimension adjustment :X,Y,θx,θy
- travel adjustment :Tx,Ty:25mm,
- angle adjustment :θx,θy :±10°

ASM25R-XY dual dimensional combination translation stages



Specification

- dimension adjustment :XY
- travel : Tx,Ty:25mm

Characteristic:high-load capacity,high-stability

OPO-Mechanics

OMHS20(12.7/25/25.4/30) three dimensional high stability mirror mounts

Our new OMHS series Three-dimensional Stability Mirror Mounts offer superior performance in stability and high resolution level.combing with long term manufacture and application experience,

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the new OMHS series provide a very convenient way for customers to focus on object during the optic adjustment.

- Tight screw ,easy and convenient
- PTFE gasket to protect the lens
- Mounting holes in both directions, the direction of different optical path



■ Specifications

	OMHS12.7	OMHS20	OMHS25	OMHS25.4	OMHS30
Diameter□A□	12.7mm	20mm	25mm	25.4mm	30mm
aperture□B□	11mm	18mm	22mm	22mm	27mm
Tilt angle	±3□	±3□	±3□	±3□	±3□

	OMHS38.1	OMHS50	OMHS50.8
diameter□A□	38.1mm	50mm	50.8mm
aperture□B□	35mm	47mm	47mm
Tilt angle	±3□	±3□	±3□

OMHS20(25/30)-S three dimensional stability mirror mounts

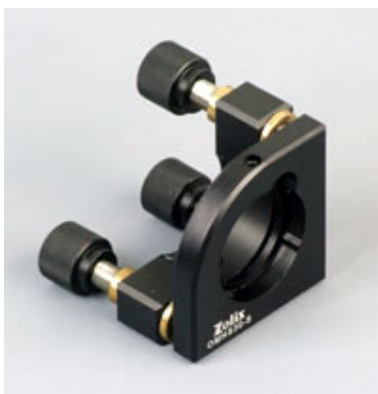
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- ☐ Tight tube lens ring card can be installed and then fixed to the lens mount
- ☐ PTFE gasket to protect the lens
- ☐ Mounting holes in both directions, the direction of different optical path

Specifications

	OMHS20	OMHS25	OMHS30
Optic Diameter(A)	20mm	25mm	30mm
Clearaperture(B)	18mm	23mm	27mm
Tilt Angle	$\pm 3^\circ$	$\pm 3^\circ$	$\pm 3^\circ$

OMHS20(25/25.4/30)-B three dimensional stability mirror mounts

Our new OMHS series Three-dimensional Stability Mirror Mounts offer superior performance in stability and high resolution level. Combining with long term manufacture and application experience, the new OMHS series provide a very convenient way for customers to focus on object during the optic adjustment.

- ☐ Open-type structure, the lens quickly loaded card.
- ☐ PTFE gasket to protect the lens
- ☐ Mounting holes in both directions, the direction of different optical path

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Specifications

	OMHS20-B	OMHS25-B	OMHS25.4-B	OMHS30-B
Optic Diameter(A)	20mm	25mm	25.4mm	30mm
Clearaperture(B)	18mm	23mm	22mm	27mm
Tilt Angle	$\pm 3^\circ$	$\pm 3^\circ$	$\pm 3^\circ$	$\pm 3^\circ$

OMHS20(25/25.4/30)-BS Three dimensional stability mirror mounts

Our new OMHS series Three-dimensional Stability Mirror Mounts offer superior performance in stability and high resolution level. Combining with long term manufacture and application experience, the new OMHS series provide a very convenient way for customers to focus on object during the optic adjustment.

- ☐ Open-type structure, the lens quickly loaded card.
- ☐ PTFE gasket to protect the lens
- ☐ Mounting holes in both directions, the direction of different optical path equipped with locked devices, ensure stability of long light path



■ Specifications

	OMHS20-BS	OMHS25-BS	OMHS25.4-BS	OMHS30-BS
Optic Diameter(A)	20mm	25mm	25.4mm	30mm
Clearaperture(B)	18mm	23mm	22mm	27mm

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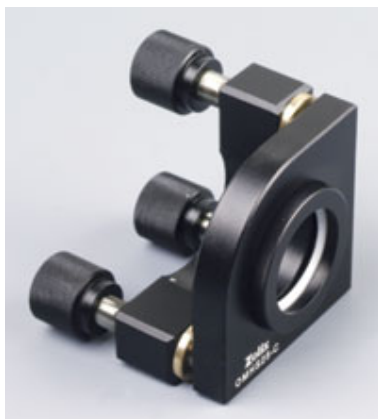
Tel: 0744-3295660; Fax : 0744-2366743; Mobile: 09314235320

Tilt Angle	$\pm 3^\circ$	$\pm 3^\circ$	$\pm 3^\circ$	$\pm 3^\circ$
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OMHS20(25/25.4/30)-C three dimensional stability mirror mounts

Our new OMHS series Three-dimensional Stability Mirror Mounts offer superior performance in stability and high resolution level. combining with long term manufacture and application experience, the new OMHS series provide a very convenient way for customers to focus on object during the optic adjustment

- ☐ Tight tube lens ring card can be installed and then fixed to the lens mount
- ☐ PTFE gasket to protect the lens
- ☐ Mounting holes in both directions, the direction of different optical path



Specifications

	OMHS20-C	OMHS25-C	OMHS25.4-C	OMHS30-C
Optic Diameter(A)	20mm	25mm	25.4mm	30mm
Clearaperture(B)	18mm	23mm	23mm	27mm
Tilt Angle	$\pm 3^\circ$	$\pm 3^\circ$	$\pm 3^\circ$	$\pm 3^\circ$

OMHS20(25/25.4/30)-CS three dimensional stability mirror mounts

Our new OMHS series Three-dimensional Stability Mirror Mounts offer superior performance in stability and high resolution level. combining with long term manufacture and application experience, the new OMHS series provide a very convenient way for customers to focus on object during the optic adjustment

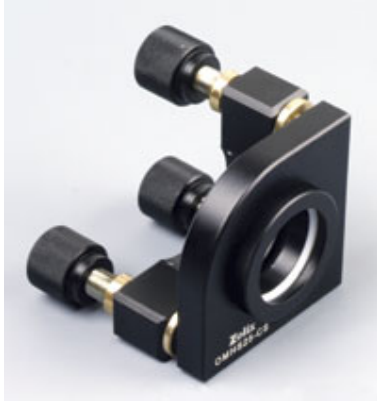
- ☐ Tight tube lens ring card can be installed and then fixed to the lens mount
- ☐ PTFE gasket to protect the lens
- ☐ Mounting holes in both directions, the direction of different optical path
equipped with locked devices ,ensure stability of long lighth path

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■Specifications

	OMHS20-CS	OMHS25-CS	OMHS25.4-CS	OMHS30-CS
Optic Diameter(A)	20mm	25mm	25.4mm	30mm
Clearaperture(B)	18mm	23mm	23mm	27mm
Tilt Angle	$\pm 3^\circ$	$\pm 3^\circ$	$\pm 3^\circ$	$\pm 3^\circ$

OMRS two dimensional high stability mirror mounts

Zolix has newly developed this product,improving the stability and comfortable adjust by adopting newly constructure and special screw and combine with long time production and excellent experiment.

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Characteristic

- ☐ Tight screw ,ieasy and convenient
- ☐ PTFE gasket to protect the lens
- ☐ Mounting holes in both directions, the direction of different optical path

Specification

	OMRS12.7	OMRS20	OMRS25	OMRS25.4	OMRS30
Diameter □A□	12.7mm	20mm	25mm	25.4mm	30mm
Aperture □B□	11mm	18mm	22mm	22mm	27mm
Tilt angle	±3□	±3□	±3□	±3□	±3□

Model	OMRS38.1	OMRS50	OMRS50.8
Diameter(A)	38.1mm	50mm	50.8mm
Aperture □B□	35mm	47mm	47mm
Tilt angle	±3□	±3□	±3□

OMRSxxx-B two dimensional high stability mirror mounts

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Zolix has newly developed this product,improving the stability and comfortable adjust by adopting newly constructure and special screw and combine with long time production and excellent experiment.



- Open-type structure, the lens quickly loaded card.
- PTFE gasket to protect the lens
- Mounting holes in both directions, the direction of different optical path

	OMRS12.7-B	OMRS20-B	OMRS25-B	OMRS25.4-B	OMRS30-B
Diameter □A□	12.7mm	20mm	25mm	25.4mm	30mm
Aperture □B□	11mm	18mm	22mm	22mm	27mm
Tilt angle	±3□	±3□	±3□	±3□	±3□

	OMRS38.1-B	OMRS50-B	OMRS50.8-B
Diameter □A□	38.1mm	50mm	50.8mm
Aperture □B□	35mm	47mm	47mm
Tilt angle	±3□	±3□	±3□

OMRSxxx-C two dimensional high stability mirror mounts

Zolix has newly developed this product,improving the stability and comfortable adjust by adopting newly constructure and special screw and combine with long time production and excellent experiment.

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- Tight tube lens ring card can be installed and then fixed to the lens mount
- PTFE gasket to protect the lens
- Mounting holes in both directions, the direction of different optical path

	OMRS12.7-C	OMRS20-C	OMRS25-C	OMRS25.4-C	OMRS30-C
Diameter □A□	12.7mm	20mm	25mm	25.4mm	30mm
Aperture □B□	11mm	18mm	23mm	23mm	28mm
Tilt angle	±3°	±3°	±3°	±3°	±3°
D	25mm	25mm	25mm	25mm	27.5mm
E	50mm	50mm	50mm	50mm	55mm
F	53mm	53mm	53mm	53mm	58mm

	OMRS38.1-C	OMRS50-C	OMRS50.8-C
Diameter □A□	38.1mm	50mm	50.8mm
Aperture □B□	35mm	47mm	47mm
Tilt angle	±3°	±3°	±3°

OMMB15(20/25/25.4/30/40/50)-1AT reflection splitter mirror mounts

Closed type ,tight lens ring card,screw insert,spring reset

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■ Specifications

	OMMB15 -1AT	OMMB20 -1AT	OMMB25 -1AT	OMMB25.4 -1AT	OMMB30 -1AT	OMMB50 -1AT
A	15	20	25	25.4	30	50
B	13	18	23	23	28	47
Weight	0.1kg	0.16kg	0.16kg	0.16kg	0.17kg	0.18kg

OMMB15(20/25/25.4/30/40/50/50.8)-1T reflection splitter mirror mounts

Open type ,tight lens ring card,screw insert,spring reset

Attention:

Choose right-type adjust when have special inquiries ,the difference between Y and L type is different directions in adjusting handwheel,



Specifications

	OMM B15 -1T	OMMB25 -1T	OMMB25. 4 -1T	OMMB30 -1T	OMMB40 -1T	OMMB50 -1T	OMMB50. 8 -1T
A	15	25	25.4	30	40	50	50.8
B	46	53	53	58	78	78	78
C	24	28	36.5	30.5	40.5	40.5	40.5

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D	M4	φ 4.5counter holeφ8	φ 4.5counter holeφ8	φ 4.5counter holeφ8	φ 4.5counter holeφ8	φ 4.5counter holeφ8	φ 4.5counter holeφ8
Weight	0.1kg	0.13kg	0.13kg	0.13kg	0.16kg	0.16kg	0.16kg

OMMB8(10/12.5)-1BL reflection/ splitter mirror mounts

Relatively small in diameter for clamping the lens, the lens can be adjusted two-dimensional tilt adjustment screw for fine-tooth screw M4x0.3, Extension Spring reset. Compact form to save space. They can also be used for precision space APSF13-1A filter, replace the micro-lens. Adjustment range: $\pm 3^\circ$

Closed, tight lens ring card, spring reset.



Specifications

	OMMB8 -1BL	OMMB10 -1BL	OMMB12.5 -1BL
A	8	10	12.5
B	7	9	11.5

OMMB20(25/25.4/30/40/50/76) -1BT reflection/ splitter mirror mounts

Closed, tight lens ring card, screw insert, spring reset.

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■Specifications

	OMMB2 0 -1BT	OMMB2 5 -1BT	OMMB25.4-1 BT	OMMB3 0 -1BT	OMMB4 0 -1BT	OMMB5 0 -1BT	OMMB7 6 -1BT
A	20	25	25.4	30	40	50	76
B	19	24	24.4	29	38	49	74
C	25.5	28	36.5	28	36	37	53
Weight	0.09kg	0.1kg	0.1kg	0.11kg	0.15kg	0.15kg	0.15kg

OMMB50(80/100/102/106)-2BT gimbal reflection/splitter mirror mounts

Gimbal Splitter Mirror Mounts can be a total of two-dimensional plane orthogonal to adjust and maintain the same optical path. Screw to adjust the use of ultra-fine teeth M6x0.25 screw to provide fine-tuning. Imports of high-quality disc spring reset, excellent stability, strong anti-vibration, long service life. PTFE rigid three-point support, safe and reliable.



■Specifications

- Adjustment range: $\pm 5^\circ$
- Weight $\square 0.25\text{kg}$

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OMMB20(30)-1SAT reflection/ splitter mirror mounts

Open type, pressure tight circle card, disc spring reset, fragmentary axial functional tight.

Related products



■Specifications

	OMMB20 -1SAT	OMMB30 -1SAT
A	20	30
B	18	28
C	31	28
Weight	0.09kg	0.1kg

OMMB20(25)-2SAT reflection/ splitter mirror mounts

Tight tube ring card,screw insert,2slocked positional function



■Specifications

	OMMB20 -2SAT	OMMB25 -2SAT
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A	20	25
B	18	23
C	40	40
Weight	0.17Kg	0.18 Kg

OMMB25-2SVB reflection splitter mirror mounts

The use of just the function of the ball and the wedge, the direction along the optical axis to adjust the pitch into a direction perpendicular to the optical axis adjustment, the unique user-driven approach to provide more convenient operation, easy in the light of intensive restructuring, adjustment and not have to worry about blocking the light path and the impact of tight function of the radial threads lock vice in the position adjusted to fit tightly to lock position.



OMMBWJ-1AT lens adjustment mounts

Microscope lens screw hole of center WJ4/5-1/36 connect with kinds of fold microscope.M6X0.25 ultra-fine teeth screw driving achieve two-dimensional adjustment.high quality disc spring reset, excellent stability ,high-vibration,long life.screw fixed hole in both directions,is easy to connect.

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OMMB-LBE beam expander mirror mounts

Supporting the use of LBE series laser Mirror Beam Expander, the middle interface M22 * 0.75, using a new type of OMHS frame structure, three-dimensional adjustment.



OMMB10-1DT multi-dimensional mirror mounts

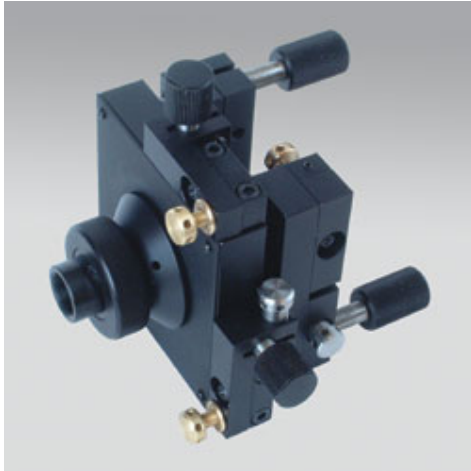
Mirror lens axis as X axis, supply the displacement adjustment of xyz axis, orthogonal adjustment. special design ensure quickly stable of tx adjustment, can be locked. Ty Tz adjustment adopt fine teeth screw (m4x0.3), the largest travel of linear adjustment is 5mm. min resolution is 0.002, besides above adjustment functions, increase different ultra-fine tuning construction, in the direction of ty tz linear adjustment, increase dual-dimensional ultra precision linear adjustment, the smallest resolution is 0.01, in the direction of angle adjustment, increase ultra-fine tuning construction, the smallest resolution is 0.00001, fine tuning adjustment, stable construction, resistant drift, excellent repeatability.

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■Specifications

- Aperture installed:M12x0.75
- Tx:6mm
- Ty:±2.5mm
- Tz:±2.5mm
- θz:±4°
- θy:±4°
- Weight:0.6kg

OMMB15-1DT multi-dimensional adjustment mirror mounts

Along X, Y two-dimensional translation $\pm 2\text{mm}$, insert set screw adjustment. Pitching around the fulcrum can be adjusted $\pm 4^\circ$, and adjust the set screw tight cuffs locked positioning.



OMMB20-1DT multi-dimensional adjustment mirror mounts

Translation along the X axis be 13mm, in the Z direction be adjusted $\pm 2\text{mm}$. Pitch adjustment can be $\pm 4^\circ$ along the point, the adjustment screw with lock tight positioning function.

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OMMB30-1DT multi-dimensional adjustment mirror mounts

Besides pitching a two-dimensional adjustment, also in the horizontal direction and vertical direction of translation adjustments, the travel is 13mm. In addition the expansion of the product can also be used, can be of different sizes and frame-caliber combination of size, and four-dimensional adjustment.



OMUM52-1/OMUM40-1

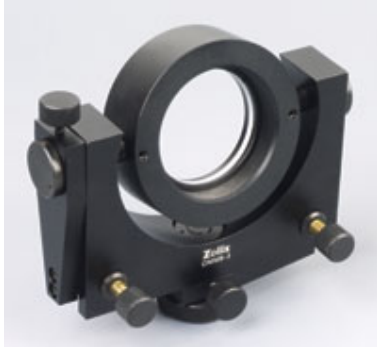
Orthogonal of a total of two-dimensional adjustment of the lens to ensure that the same optical path. the design of Coarse and fine-tuning, quickly and accurately. Fine tuning screw adopt ultra-fine teeth M6x0.25 screw to provide fine-tuning. With hand wheel locked tight to prevent the micro-change. Aperture for the installation of standard M52x1 screw holes, high universality.

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OMUM52-1

■Specifications

- Adjustment range-Coarse :360°
- Adjustment range-Coarse -Fine-tuning :±3°
- Aperture installed :M52x1
- Weight :0.7kg



OMUM40-1

■Specifications

- Adjustment range-Coarse :360°
- Adjustment range-Coarse -Fine-tuning :±3°
- Aperture installed :40mm
- Weight :0.6kg

OMUM52-2 5 axis gimbal mirror mounts

The lens optical axis as x axis ,providng the transaltion adjustment.Along the XYZ axis,adjustment of orthogonal coplanar is.θy, θz.special design to adjust quickly and stabilty and locked tighr.tx ty

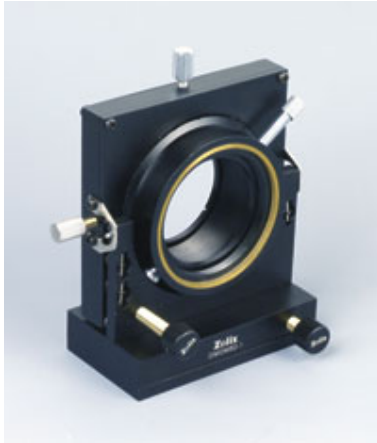
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adjustment using the fine teeth screw M4x0.3, θ_y , θ_z adjustment using M6x0.25 fine teeth screw, fine adjustment., M52x1 standard mounting hole for the screw holes, high universality.



- ☐ Tx:6mm
- ☐ Tz:±2.5mm
- ☐ θ_z :±4°
- ☐ Ty:±2.5mm
- ☐ θ_y :±2°
- ☐ Aperture installed :M52x1
- ☐ Weight :0.6kg

OMBS180 beam tuning device

In optical experiments, often need to change the direction or beam height, the use of beam tuning device is a simple and convenient way. OMBS180 series beam tuning devices can hold a variety of diameters of prisms and mirrors. Mirrors seat can be 360° rotating (θ_z), and ±4° tilt adjustment (θ_y , θ_z), this series adopt ultra-fine tuning screw drive, disc spring reset, high precision, excellent stability, holders adopt a standard diameter stainless steel pole, installation convenience, aesthetics, the application. Enhance the maximum height of the beam: 180mm

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OMFM(25)-1 filter mounting

Gripping filters and films optical parts, the below of the sliding plate design has the flexibility to installations, movement smoother and more comfortable, convenient placement of optical films and locking hand wheel lock available, stable and secure gripping.



	A	B	C	Holding Width	Holding thicknessD	Weight
OMFM -1	50	5	30	50mm	30mm	0.2kg
OMFM25 -1	25		11	50mm	8mm	0.17kg

OMFM-2 filter mounting

Open constructure is convenient for loading and unloading of optical films.on both sides donot touch the design,can protect optical films donot be scratched or bonded together,V-shapped supporting plus locking handwheel tight,stable and safe. Optical chip will be used to insert a corner of the two V-shaped head, the side screw on the hand wheel, the light can clamp hand wheel .

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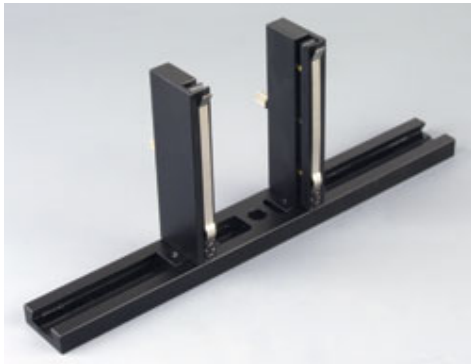
■ Specifications

□ Holding thickness □ 3mm

□ Weight □ 0.05kg

OMPM-1 adjustment film fixator

Used in holography and other optical experiments, for a fixed dry plates, film, etc., the inner piece of elastic fixed rigid top plate thick stem, the outer gripping film with a thin film of spring, loading and unloading easy, suitable for chamber operation. Card installed width adjustable, high universality.



■ Specifications

□ Holding thickness □ 4mm

□ Holding Width □ 35 □ 300mm

□ Weight □ 0.55kg

OMPM-2/3 square filter mounting

Holding optical parts of different thickness, for example: glass, film etc

OMPM-2 can hold the thickness of 0-6mm

OMPM-3 hold the thickness of 0-16mm

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Email: gholographics@mail.com; www.genuineholographics.com

Tel: 0744-3295660; Fax : 0744-2366743; Mobile: 09314235320



New manual filter wheel

Function:

For a variety of filters that require frequent switching of the occasion:

- 1, Wheel 12 MFW12-25, which can turn any of the independent and more convenient to use;
- 2, Can be installed on the company JSL series interference filters, so that different wavelengths of light through;
- 3, Can be installed I NDFI25XX series of fixed density filter (attenuator), a variable rate to achieve attenuation, when using the wheel 12 MFW12-25, the adjustment easier when the different decay rate;
- 4, Can be installed on my company band-pass filter, so that different wavelengths of light through. When using the wheel 12 MFW12-25, can be long-wave pass and short wave pass filter stack used to achieve specific wavelength range adoption;

specification

diameter: 25mm or 25.4mm

thickness: 1-4mm, Ring clamping pressure can be used ;

>3mm, use the side of tight screw

aperture : 22mm;

installed hole: M6 threaded holes, or pitch the bottom 50mm bolt installation location

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MFW6-25(single wheel 6pcs)



MFW12-25(single wheel 12pcs)

OMLH-1 adjustmet lens holders

Adopting stainless steel,adjustment steel holders hold the lens,stable,high load,coarse-fine tuning design can load and unload lens and protect lens quickly .unqiue and reliable lock tight device.v-shaped clamper of the top of the clamping can be rotate freely ,adjusted conveniently ,clamping lens of different thickness or cylindetr,strong applicable.

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■Specifications

□Holding Diameter□50mm□100mm

□Weight□0.4kg

OMLH-2(-3-4) adjustment lens holders

Adopting elastic type gripping lens, stainless steel drive, loading and unloading easy, solid gripping. Chuck V-PTFE to protect the lens, and 360 ° rotation, with V-shaped base may be holding a variety of lenses or the thickness of the cylinder, adaptable and beautiful applicable.



Model and Specifications

model	A	B	C	D	E	F	diameter	weight
OMLH -2	90	105	126	151	127	63.5	10~100	0.25kg
OMLH -3	65	80	106	128	102	51	5~75	0.20kg
OMLH -4	42	54	80	100	76	38	5~50	0.15kg

OMLH-Z

Cylinder lens mounts

Suitable for our OLBC series palm convex and concave cylinder lens mounts or OLBCY series palm convex and concave prisms, gripping other square optical parts,, can be two dimensional adjustment

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of pitch and yaw



■Specifications

Holding height:2-54mm;

Holding edge thickness:1-6mm;

OMLH-9 gimbal cylinder mounts

Orthogonal coplan can be adjusted tilting,keep the same light patch,,can be adjusted along linght axis. Card can be installed in two sizes concave flat or convex cylindrical lens, cylindrical lens can be placed horizontal or vertical. Screw adjustment screw for the ultra-fine teeth, adjusting the precise comfort.



■Specifications

$\theta_y, \theta_z \pm 4^\circ$

$\theta_x \pm 5^\circ$

holding Length 50~50.8mm

holding width 60.5mm

OMLM series lens holders

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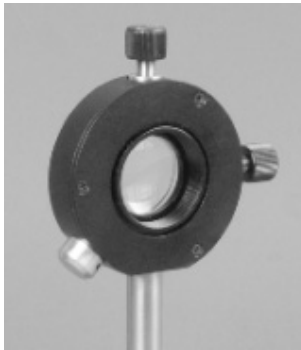
In order to meet different inquiries, we develop OMLM series lens holders, gripping different style lens, PTFE liner protect lens internal, must be suitable for you.



OMLM20-25.4/30/40/50-XY two dimensional mirror holders

Optical patch adjustment is a basic work for optics, do not need the traditional fine tuning mounts to keep lens center of relative optical axis. Two dimensional adjustment, simple adjustment of optics patch.

By the least plug finishing the two dimensional adjustment of reference surface to optical axis, effective, compact connect with your optical systems design.



OMLS series co-axis lens holders

Three points of the co-axis lens mounts open simultaneously, spring reset automatically, the lens center unchanged when change the different lens, can use different lens. If the lens is light please take it.



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Specification

Model	A		B	C	D	E	F	weight
	MAX	MIN						
OMLS50 -1	50	5	46	70	90	11	19	0.15kg
OMLS76 -1	76	5	72	102	126	16	30	0.2kg
OMLS102 -1	102	5	100	140	160	16	30	0.3kg

OMMB-NDFC50 circler gradient film fixator

Suitable for our NDFC50 series circular gradient film fixator, outer circle has scale,, suitable for different attenuation. Outer diameter is 12mm, length is 37mm screw, directly using our PH series mounts to fix.



OMPH-1/ OMPH-2 precision prism desk

Can be used to two dimensional tilt adjustment ,the fine teeth screw drive,disc spring reset,high precision,excellent stability. flexible clamping device, convenient and reliable. Continuously adjustable height card installed applicability.



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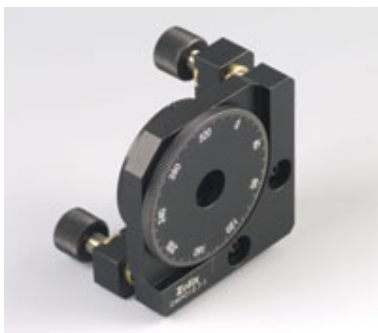
OMPH-3 V gripper

In optical experiments, for the holding of different diameter and different thickness of the cylindrical lens, the diameter range of 50mm-100mm, locking hand wheel is equipped with a spring pressed, lens clamping stability, loading and unloading easy.



OMPO12.7-1 splitter mirror mounts

Center screw holes M27X0.75 card can be installed 12.7mm of the polarizing lens locking ring. The use of precision rotating shaft, the positioning and stability, reliable, 360 ° circular depiction. the realization of three-dimensional rotate adjustment in pitch yaw and center-axis lens



OMPO25.4-1 polarizing mirror mounts

Center screw holes M27x0.75 card can installed 1inch(25.4mm) of polarizing lens,.locking ring.the use of precision rotating shaft, the positioning and stability, reliable, 360 ° circular depiction.ultra-fine teeth screw M6x0.25 drive,high quality disc spring reset,the realization of the two dimensional adjustment

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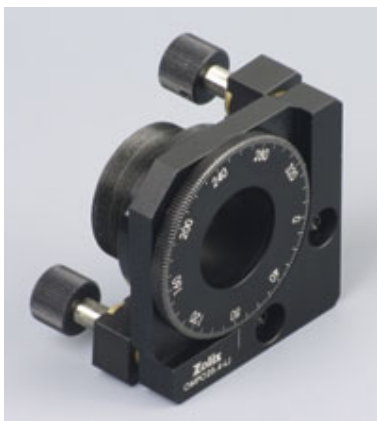
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OMPO25.4-LJ polarizing prism mirror mounts

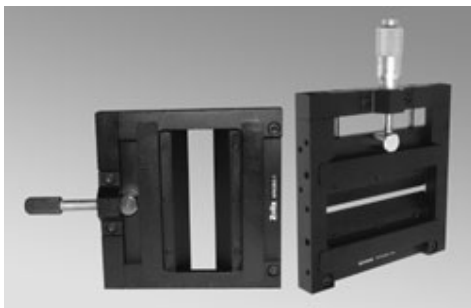
Suitable for our OPGT25.4 series

Taylor prism, OPGL25.4 Series Grand laser prism, OPGM25.4 Series Grand - OPWT25.4 Thomson prism and a variety of series such as Wollaston prism, holding diameter is 25mm or 25.4mm optics cylindrical parts. locking ring, the use of precision rotating shaft, the positioning and stability, reliable, 360 ° circular depiction. The realization of pitch, and the yaw axis of rotation around the optical components of three-dimensional adjustment.



APAS80-1T, APAS80-1A adjustable slits

Open large range, equipped with block light barrier, excellent appearance etc. APAS80-1A has micrometer, can quantitative adjustment



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APID12-1,APID22-1 adjustable diaphragm

In optical experiment, usually need to supply another light source which is point light source, we supply different diaphragm mounts to suit different aperture



APID12/22-GD adjustable diaphragm base



APID12



APID22

APPH pin hole diaphragm

Below APPH series pin hole have different styles

APPH	3	4	5	6	10	11	15	19	20	21	25	30	35	40	45	50
55	60	65	70	75	80	85	90	95	100	105	110	115	120			

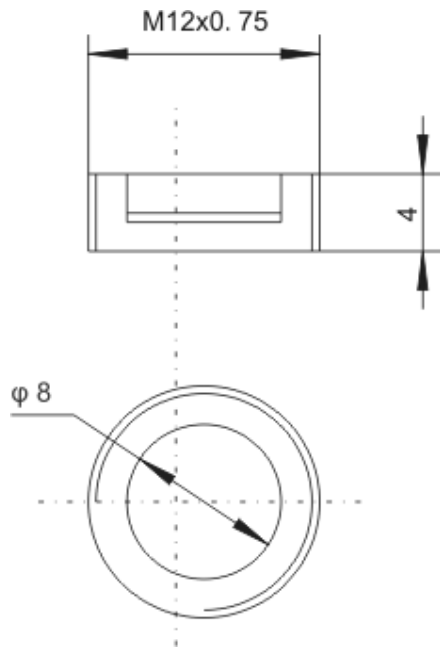
thickness $\square$ 0.1mm, out diameter $\square$ 8mm

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APPH-GD pinhole diaphragm mounts

This series can undust,convenience equip with mirror mounts and fiber couplers.make more flexible in adjusting lighth path.

AP series

APSF13-1AT precision spatial filter

Micro-lens and pinhole combination, an effective solution to the laser beam during transmission due to the optical device through the defects and the impact of small particles in the air, resulting in the scattering problem.the micrometer of mico lens adjust the range of lens and pinhole,precision linear crioss ballof guide,stability motion ,high-precision,two M6x0.25 ultra fine screw drive of pinhole,achieve two dimensional adjustment of apterture holes.M6 screw hole can combine with other mounts ,convenient install and adjust .



Specifcation

- adjustment range□13mm
- accuracy□0.005mm
- pin adjustment range□±1.5mm

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□weight□ 0.4kg
□min readable□0.01mm

APFC-1T precision fiber couplers

Fiber axis as the X-axis, can be coupled along the X, Y, Z direction of a straight-line adjustments, around the Y, Z axis tilt adjustment. Ty, Tz using fine tooth M4x0.3 screw adjustment, Tx, θ_y , θ_z using fine tooth 0.5 pitch adjustment screw. X-axis position for $\phi 6.35$ mm hole can be fitted APFCH Carpenter's first series of Fiber chuck.



■Specifications

□Tx□ 6mm □ θ_y □ $\pm 4^\circ$
□Ty□ ± 2 mm □ θ_z □ $\pm 4^\circ$
□Tz□ ± 2 mm □Weight□ 0.2kg

APFC-2T precision fiber couplers

APFC-1 precision to optical fiber coupler block of integration with the micro-lens design, suitable for laser light focused through the micro-lens with optical fiber coupler. Its mounting hole on the bottom more easily with other connected mount.



■Specifications

□Tx□ 6mm
□Ty□ ± 2 mm
□Tz□ ± 2 mm
□ θ_y □ $\pm 4^\circ$
□ θ_z □ $\pm 4^\circ$
□Weight□ 0.4kg

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APFC-3AT precision fiber couplers

Block will be to improve the micro-lens to be mobile, so that Tx adjustments more convenient the use of precision linear ball rail guide, sports stability and high accuracy. More importantly, the APFC-3AT precision optical fiber coupler design for dual-axis tilt base functions, in adjusting the incident light and the micro-coaxial lens is particularly convenient. additionally equipped with pinholes, can change to spatial filter



■Specifications

- Tx□ 6mm □Ty□ $\pm 2\text{mm}$
- Tz□ $\pm 2\text{mm}$ □ θ_y □ $\pm 4^\circ$
- θ_z □ $\pm 4^\circ$
- Micro-lens Travel Range□13mm
- Dual-axis tilt adjustment range□ $\pm 4^\circ$
- Weight□ 0.6kg

APFP-4T ultra-precision fiber couplers

APFC-4T provides a five-dimensional adjustment. To fiber axis for the X-axis, can be coupled along the X, Y, Z direction of a straight line to adjust Tx, Ty, Tz, around the Y, Z axis tilt adjustment θ_y , θ_z . Tx which detailed the use of 0.5 teeth adjustment screw, linear regulator stroke 6mm, Ty, Tz using fine tooth M4x0.3 screw adjustment stroke linear regulator 4mm, the minimum resolution of 1μ . θ_y , θ_z teeth using 0.25 fine pitch adjustment screw, adjust the angle for the maximum amount of 4° , the minimum resolution of 0.002° .

APFC-4T in the regulation of body to fine-tune the installation of ultra-fine structure, in Ty, Tz the direction of the linear regulator in a linear increase in ultra-precision fine-tuning of two-dimensional structure, the minimum resolution of $0.01\mu\text{m}$, in the perspective of regulation θ_y , θ_z the direction of an increase of Ultra-precision fine-tuning the structure of the smallest resolution of 0.00001° , fine adjustment, structural stability and to prevent drift and repeatable

Indications

Fix the fiber to fiber chuck, insert fiber couplers 6.35 hole, locking tight after coarse tuning x direction, coarse fiber couplers keep the fiber ultra-precision fine tuning, stability

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Repeat ultra-precision fine tuning of tx ty tz, until achieving the best couplers effectiveness
Attention

Ultra-precision fine tuning of linear and angle, lock by locking knob, open related fine tuning structure after finishing coarse tuning. In order to avoid damaging fine tuning structure, must loose locked knob.

M6 screw holes combine with other series products, convenience fix, adjust. Installed on the standard desk.

X axis position of 6.35mm aperture, can install our APFCH fiber chucks



APF5T-SC(FC,ST,SMA905) ultra-precision fiber couplers

Providing five dimensional adjustment of fiber, this series and APFC-4T have the same adjustment functions and adjustment accuracy. The difference is that the products can connect with different fiber bonded plate. For example: SC fiber connector, FC fiber connector, ST fiber connector, SMA905 fiber connector. Different fiber connectors can be exchanged by jumpers and fiber adapters. The light coupled with fiber connectors, therefore, increases the stability of coupling and improves quality, loss reduction.

M6 screw holes combine with other series products, convenience fix, adjust. Installed on the standard desk.

Attentions

Ultra-precision fine tuning of linear and angle, lock by locking knob, open related fine tuning structure after finishing coarse tuning. In order to avoid damaging fine tuning structure

Indications

Choose fiber of plug matching with connector type, directly insert

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APFC-5T-FC



APFC-5T-SC



APFC-5T-SMA905

PHCP-1 crossed post adapter

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Crossed post adapter put the two knobs together by 90 degree orthogonal.convenience for arranging lighth path



■Specifications

- Applied post diameters:12mm both
- Weight□0.05kg

PHCP-2 crosses post adapter

Putting the two knobs together by random degree



■Specifications

- Two relative rotation 360 ° standard 12mm diameter hole
- Weight□0.05kg

PHUCgimbal clamps

Application for many diameters clamps together by suitable degree, strong applicable. two knobs can 360 degree rotation, precision processing rotation axis provide precision and comfort adjustment. locking handwheel ensure position locking firmly



Models and specifications

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Model	A	B	C	D	E	Weight
PHUC -1	60	30	12	12	33	0.12kg
PHUC -2	77	36	20	12	44	0.15kg
PHUC -3	77	36	20	20	41	0.15kg

PHSH SEIRES POST HOLDERS

Suitable for PHSP12 post holders,fix the post holders on the different height,center axial processing v shapped oval groove donot change the position during adjusting the height of the posts



■Models and specifications

	PHSH-1	PHSH-2	PHSH-3	PHSH-4	PHSH-5
L	25	50	75	100	150
Weight	0.03kg	0.04kg	0.1kg	0.11kg	0.15kg

Related products:

- ☐Support Posts
- ☐Magnetic Bases

PHRP series rotation post holders

Making the post 360 circles along the post , donot change the positon parameter,reduce the workload.center axial precision proicessing v shapped oval groove donot change the horizontal position,lock stability .elastic steel ball design can adjust the height and angle lightly ,donot get the uneven force when post and post holders together.rotary connect with fixator by precision bearing,comfort,high precision.post and rotary attached to lock tight.three sizes suitable for different height adjustment .

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■Models and specifications

	PHRP-1	PHRP-2	PHRP-3
A	50	76	102
Weight	0.05kg	0.1kg	0.12kg

Related products:

- PHSP12 Series Support Posts
- BPMB Series Magnetic bases

PHVP-1/PHVP-2 vertical post holders

When you bend in the dense lighth path,adjust the light path position,hope to little adjust the height of the post, keep the same angle,please choose PHVP series vertical post holders



■Models and specifications

	PHVP-1	PHVP-2
Vertical range L	72~87	95~120
Applied post diameter	12	12

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Weight(kg)	0.1	0.15
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PHVP-3 vertical post holders

High degree micro-tuning functions, precision processing vertical screw is convenient for users. Standard screw at the top of the center of the post connects with other products, strong applicability.



■Specifications

- Fine-tuning Height □ 50 mm
- Weight □ 0.6kg

Ppseries post holders annex

High-quality steel products, and special treatment to ensure the rigidity of the material. Diameter of 25mm, can provide high-load and high stability, product-specific fork-plate fixation, a high degree of freedom configuration, you can simply build a stable, optical axis height. The optical experimental system must. Then stroke the length of series, and then under a variety of length between the free combination. Unique gasket can be adjusted to achieve a high degree of straight. C-type rod holder and orthogonal planes used to adjust the optical path more convenient.

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■Models and specifications

Models	appellation
PPF25	Forklift steel plate
PPB15	15mm Base
PPE25	25mm Post
PPE50	50mm Post
PPE75	75mm Post
PPE90	90mm Post
PPE100	100mm Post
PPS1	1mm Gasket
PPS2	2mm Gasket
PPS5	5mm Gasket
PPCC25	Rod Clamp Verticaler
PPC2512	25-12 Orthogonal Post Holders

PHSP post holder

High stainless steel grinding, high precision, applicable, kinds of type meet different needs. suitable for our other adjustment mounts, excellent university. diameters are 12mm and 20mm, depending on the different screw hole into different models

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■Models and specifications□Diameter:12mm)

Models	PHSP12-1	PHSP12-2	PHSP12-3	PHSP12-4	PHSP12-5	PHSP12-6	PHSP12-7
	PHSP12-1A	PHSP12-2A	PHSP12-3A	PHSP12-4A	PHSP12-5A	PHSP12-6A	PHSP12-7A
	PHSP12-1B	PHSP12-2B	PHSP12-3B	PHSP12-4B	PHSP12-5B	PHSP12-6B	PHSP12-7B
	PHSP12-1C	PHSP12-2C	PHSP12-3C	PHSP12-4C	PHSP12-5C	PHSP12-6C	PHSP12-7C
L	25	50	75	100	150	200	300
Weight	0.025kg	0.05kg	0.075kg	0.1kg	0.015kg	0.2kg	0.3kg

PHPB-1 post holdets base



PHSR38-1(2)support rods/PHSR38-1(2)A

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Application for high-load ,can support different parts combining with gear wheel clamp,continuously adjust the height,and equip with gear and geat wheel ,comfort adjustment, reliable and safe,high precision.reliable harden ratio ensure the higher anti-vibrate,can remove the circle base ,directly fix by screw,flexible fix mode

Recommend:

BPRB-1 two dimensional guide base,ensure flexible fine tuning adjustment function of supporting rods during high load capacity



PHSR38-1/2

PHSR38-1A/2 A

PHCR-1 clamp

And PHSR38-1 (2) with the use of support rods. The standard installation of the surface of its mounting hole Distance, you can adjust the frame or other fixed objects. Detachable from its central thread suitable for replacement of or in connection with the operation PHCR-3 with five gripper for tilt adjustment. Equipped with locking hand wheel can be locked in a solid clip of different heights. Weight: 0.45kg.



PHCR-1A gear clamp

Suitable for PHSR38-1(2)A gear support clamp,equipped with gear and gear wheel,comfort,high precision. Standard installed holes can fix the other objects.center remove the screw,convenience

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change or operation ,or combine with 5 face clamp,tilt adjustment.equipped with lock hand wheel,
locked the different height of clamp weight:

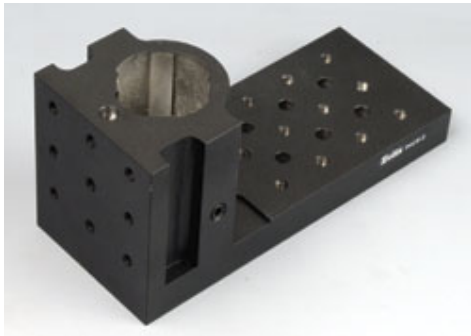


Loose the clamp lock tight,rotate and adjust wheel hand to the target position, and then lock tight

PHCR-2 right clamp

Suitable for PHSR38-1(2) support rods,the horizontal surface fix the objects,plus the vertical installed surface,strong applicablity

Symmetry line contact center hole,high precision,dual-lock tight tube,stable,non sway,weight



PHCR-3 5 surface clamp

Have 5 installed surface,combine with other clamp,rotate or tilt adjustment,weight



PHCRT-1 riser

Combined with right angle clamp ,make the clamp vertical adjustment along support rod

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PHSP12C post holder postional clip



PHTProtate reset mirror base

The realization of 90 degree polarization and reset of the mirror mounts, installed aperture M6, convenience installed



Ph SERIES

Precision laser mount

Hene laser is very important in experiment as the light source light path. flexible adjustment , long time stability is the first step , our company provide three type laser mounts

Laser mounts optical axis as x axis, PHLM-1 make the laser mounts tilt adjustment along x y , grasp

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the different diameter laser mounts or cylinders,adjustable center, grasp adopt PTFE material,stable and not damage laser mounts.ultra-fine teeth screw drive of adjustment constructure,disc spring reset,presitional adjsutment,excelent stablity ,adjustment range between supporters,meet to the different inquiries

Compare with PHLM-2,PHLM-3 increase adjustment functions along y z axis. ultra-fine teeth screw drive of adjustment constructure,disc spring reset,Inner hole relative lock tight screw position has concave groove,this is the same with phlm-2,stable and repeatabily .lock tight screw of un-metal material protect laser mounts

PHLM-1 laser mounts



■Specifications

- Applied tube diameter□60mm□MAX□
- Adjustment range□ $\theta_y, \theta_x: \pm 5^\circ$
- Weight□0.8kg

PHLM-2 laser mounts



■Specifications

- Applied tube diameter□45mm□MAX□
- Weight□0.4kg

PHLM-3 Laser mounts

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Tel: 0744-3295660; Fax : 0744-2366743; Mobile: 09314235320



■Specifications

- Applied tube diameter□45mm□MAX□
- Adjustment range□ $\theta_y, \theta_x: \pm 5^\circ$
- Weight□0.65kgPHOB series right angle fixed block

PHOB series right angle fixed block

This design put the displacement to compose two dimensional or three dimensional orthogonal displacement stages, also put other adjustable mount orthogonal together, orthogonal surface precision machining ensure the perpendicularity needs. kinds of installed aperture design have strong universality

PHOB-1 right angle fixed block



PHOB-2 right angle fixed block

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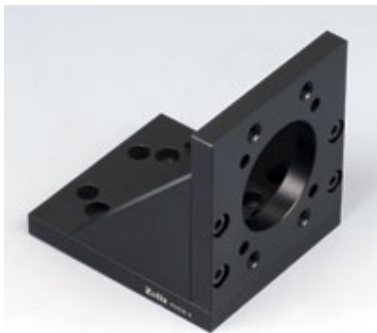
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PHOB-3 right angle fixed block



PHOB-4 right angle fixed block



PHOB-5 right angle fixed block

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PHOB-6 right angle fixed block



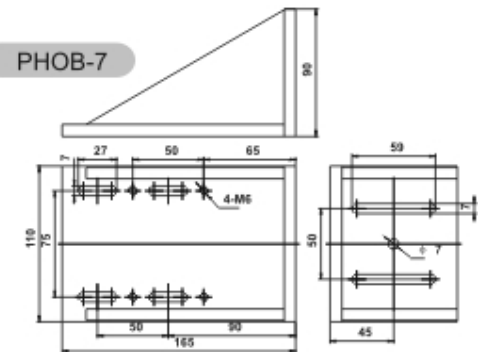
PHOB-7 right angle fixed block



★该产品是为了避免在组合三维时产生重心偏心而专门设计。

关联产品

- TSA30-C超薄型电控平移台
- TSA50-C超薄型电控平移台



Base plates

Suitable for different adjustable mounts composition or fix the adjustable to table desk, emerged many mode bases. the base is durable to friction by elaborate machining and processing, there are so many installed aperture of kinds of pitch and aperture, meet different needs

BP-1(2/3/.....28)

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Please visit our website http://www.zolix.com.cn/templates/channelen/index_164.html

So many models of base plate.

BPRB-1 two dimensional translation base plates

The design of the BPRB-1 is to solve weight adjustment, make the weight two dimensional adjustment and lock tight, easy to use



BPMB-1(2) magnetic base

Magnetic of flexible convenience installed mode is extensively applicable for lab. put the fixed object to install the base, remove magnetic, adjust position, and then rotate the switches, the magnetic base has big suction, excellent stability, on the basis of traditional base, plus innovation, keep the flexible and convenience when fixing, suitable for our many adjustable mounts



BPMB-3 magnetic base

Besides the below functions, realize x y dimensional translation micro tuning, locked tight, M4x0.3 fine teeth screw of micro tuning screw higher adjustment precision, if combined with post holders or rotation post holders, can realize xyz adjustment or xyz..

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Specification:

2-axial travel: $\pm 2\text{mm}$

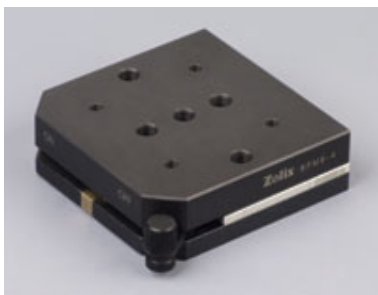
load capacity: 3kg

Adsorbability: 60kg

Weight: 1.1kg

BPMB-4 ultra-thin magnetic base

Besides the magnetic base functions, also compact, ultra-thin, magnetic adjustable. The table can fix many modes optics, lasting magnetic provides super suction, adjustable magnetic from off to on, equipped with standard pitch screw, easy to connect, combined with other objects conveniently.



■specifications

□ Adsorbability: 23kg □

□ High □ 20mm □

□ Table size: 65mm X 65mm

BPKB-2 resetable magnetic base

Depart of the top and the bottom block, connected by magnetic parts, the screw fix the bottom block, ensure the accuracy of resetting by position constructure.

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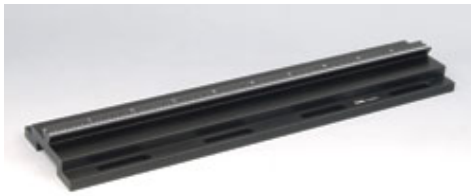
RA series rails

RAOB series rails

Rails mounts is composed to co-axis optics system by RACA series rails mounts,for example:support rods and post holders,suitable for miniature optical experiments.

The range between the adustment mounts can be noted by the scale of the top ,easy to quantitative adjustment, dovetail mounts can combine with dovetail groove .lock firmly

RA series rails of high quality steel ,non deformation,light weight,easy to remove,is the best choice for physical optcial experiment,replace the old steel mounts



	RA05-1	RA10-1	RA15-1	RA20-1
L	500	1000	1500	2000
A	80	125	120	145
B	40	50	60	60
C	260	300	340	490
N	2	3	4	4
Weight	2.85kg	5.75kg	8.65kg	11.5kg

RACA series slider

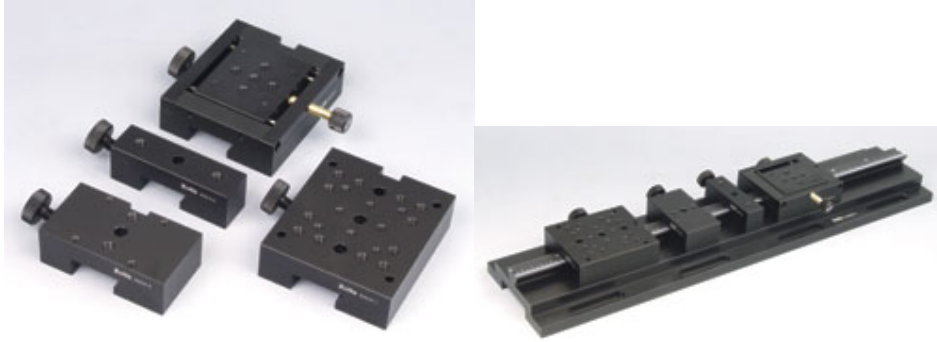
Adopting dovetail constructure,combined with rails,convenience adjsutment,good repeatability .steel locked handwheel of plastic connectore,lock tight, not damage the mounts strong aplplicable of installed pitching,different width rails mount, suitable for different travel .specially RACA-4 rails mounts can horizontal micro tuning,m6x0.25 ultra-find tuning screw driver of adjustment constructure,precision linear guide disc spring reset,high precision,good stability

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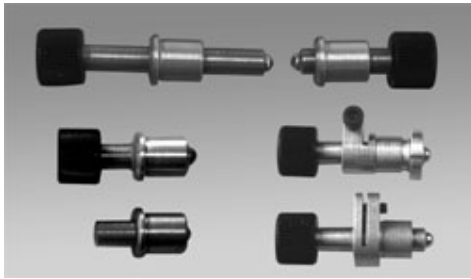
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AC accessories

ACFS series screw vice

Compared with micrometer,,M6x0.25 ultra fine teeth micro tuning screw vice supply higher precision adjustment function.micro tuning screw vice can exchange with micro meter.APFS06-1(2) has no handwheel ,adjust by screw driver,besides micro tuning ACFS13-1S,ACFS25-1S,ACFS13-2S have and locked tight functions,buld and crop of this series flexible and stable. locked position



■Specification

Model	Travel	A	B	C
ACFS06 -1	6		20	
ACFS06 -2	6		20	
ACFS06 -1A	6	10	20	13
ACFS06 -2A	6	10	20	13
ACFS13 -1	13	10	27	13
ACFS13 -2	13	10	27	13
ACFS13 -1S	13	10	27	13
APFS13 -2S	13	10	27	13
ACFS25 -1	25	20	39	10
ACFS25 -1S	25	20	39	10
ACFS25 -2	25	20	39	10
ACFS25 -2S	25	20	39	10

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ACFS50 -1	50	20	64	10
ACFS50 -2	50	20	64	10

ACSM series micrometer

This below micrometer suitable for qualitative adjustment ,high accuracy ,comfort,durable.other models please contact us

Min scale is 0.01mm,sensitivity 0.001mm



■Specification

Model	Travel	A		B	C	D	E	F
		MIN	MAX					
ACSM06-1	6	5.8	11.8	15.6	49.6	4	9.5	13
ACSM13-1	13	4	17	10	58.5	6	9.5	13
ACSM25-1	25	5	30	12	101	6.5	11	18
ACSM25-2	25	4	29	12	101	6.5	11	18

ACSM25-2 A min scale 0.001mm

The same model micrometer has crop and ball ,please confirm it when you buy,if not confirm ,it will be ball

ACCF series fixed plates

ACCFseries fixed plates and ACCFseries adjustable plates can fix and lock the optics parts in anything position,

Convenient remove,reliable.ACCA series adjustable height,flexible and convenient

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ACCA

ACOA series adapter ring

ACOA series adapter have three models by outer diameter:1,diameter m52x1 screw,2,diameter 50.8,3,diameter is 40.applicable for other products of the same diameter.change the lens size ,strong applicability ,improving the working effectiveness.save money and time.



Specification

Model	A	C	D	d
ACOA13 -1	M52X1	15	φ13	φ9.5
ACOA13 -2	φ50.8	15	φ13	φ11
ACOA13 -3	φ40	15	φ13	φ11
ACOA20 -1	M52X1	15	φ20	φ17
ACOA20 -2	φ50.8	15	φ20	φ18
ACOA20 -3	φ40	15	φ20	φ18
ACOA25.4 -1	M52X1	15	φ26	φ22
ACOA25.4 -2	φ50.8	15	φ26	φ23.5

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ACOA25.4 -3	φ40	15	φ26	φ23.5
ACOA30 -1	M52X1	15	φ30	φ26
ACOA30 -2	φ50.8	15	φ30	φ28
ACOA30 -3	φ40	15	φ30	φ28
ACOA40 -1	M52X1	15	φ40	φ38
ACOA40 -2	φ50.8	15	φ40	φ38

ACCS adapter screw

It is convenient for screw products of two sides directly

Screw box and installed adjustment devices

Our company provides many screws and devices installed, adjustment, composition for your convenience



Specification

ACCS-1A	M6-M4 screw with flange adapter
ACCS-1B	M6-M6 screw with flange adapter
ACCS-2A	M4-M4 screw without flange adapter
ACCS-2B	M6-M6 screw without flange adapter
ACCS-3	M6-M4 screw without flange adapter
ACCS-6-6.35	M6-M6.35 screw with flange adapter

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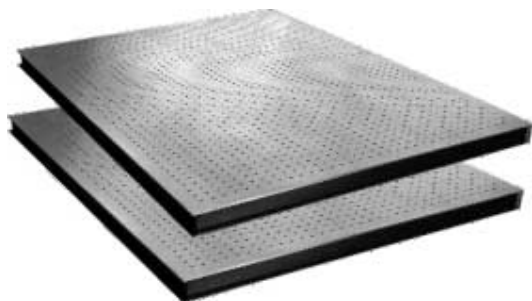
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Optical table introduction

OTBB series optical table

OTBB series optical table adopt magnetic stainless steel Breadboards, honeycomb support structure within the core, provide excellent anti-vibration performance by a higher ratio of hard. Carefully processing plane ferromagnetic stainless steel has higher flatness, wuguang effect. particularly applicable for optical experiments, does not stimulate the eyes, reduce the stray light., Distance table array standard screw holes to facilitate a variety of fixed-mount.



Specifications

- Width: 50mm
- Flatness: 0.1mm/600mm
- Distance of screw □ 25mmx25mm
- Screw: M6

■ Model and Specifications

Model	Platform size	Platform Width
	□ mm □	□ mm □
OTBB33 -1	300x300	50
OTBB36 -1	300x600	

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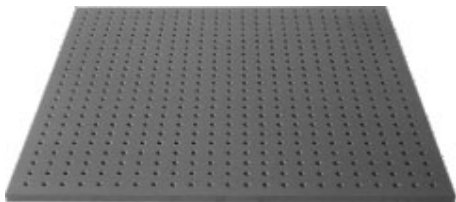
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OTBB39 -1	300x900	
OTBB312 -1	300x1200	
OTBB66 -1	600x600	
OTBB69 -1	600x900	
OTBB612 -1	600x1200	
OTBB615 -1	600x1500	
OTBB618 -1	600x1800	
OTBB99 -1	900x900	
OTBB912 -1	900x1200	
OTBB915 -1	900x1500	
OTBB918-1	900x1800	
OTBB1212 -1	1200x1200	
OTBB1218 -1	1200x1800	100

OTSB series optical table

OTSB series table adopt high –quality aluminum alloy precessing,light weight,easily movable,on the standard pitch screw holes array s to facilitate a variety of adjustable mount.,elabarate finish,durable to friction



Specifications

Width	13mm
Flatness	0.3mm□600mm
Distance of screw	25mm
Screw	M6

■Model Specifications

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Model	Platform size
OTSB33 -1	300x300
OTSB345 -1	300x450
OTSB36 -1	300x600
OTSB4545-1	450x450
OTSB456 -1	450x600
OTSB66 -1	600x600

OTPOT series optical table

Simple constructure, stable and reliable; Application for good environmental vibration experiment

■Specification

Table material

A: 1Cr13 (magnetic stainless steel); Distance of screw: 25mm×25mm, M6 Screw;

B: Overall height: 800mm; Adjustable range: -20□+30mm;

C: table support: 4 support structure. anti-vibration material: complex material fix damping material

D: un-flatness of the table: 0.02-0.05mm/ M²;

Surface roughness: 0.8-1.6 um. fixed frequency: <8hz

Model	Three-dimensional size □mm□	Platform Thickness (mm)	Platform Weight □Kg □	Table Foot Area (mm*mm)	support-H (mm)	Support structure
OTPOT06-06	600×600×800	100	54	100*100	700	4
OTPOT075-075	750×750×800	100	92	100*100	700	4
OTPOT09-06	900×600×800	100	81	100*100	700	4
OTPOT10-07	1000×700×800	100	140	100*100	700	4
OTPOT10-08	1000×800×800	100	145	100*100	700	4
OTPOT12-08	1200×800×800	100	152	100*100	700	4

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OTPOT15 -09	1500×900×800	200	259	200*200	600	4
OTPOT15 -10	1500×1000×800	200	275	200*200	600	4
OTPOT16 -09	1600×900×800	200	276	200*200	600	4
OTPOT18 -12	1800×1200×800	200	370	200*200	600	4
OTPOT20 -10	2000×1000×800	200	372	200*200	600	4
OTPOT20 -12	2000×1200×800	200	380	200*200	600	4
OTPOT24 -12	2400×1200×800	200	438	200*200	600	4
OTPOT30 -10	3000×1000×800	200	790	200*200	600	4
OTPOT30 -12	3000×1200×800	300	825	200*200	500	4
OTPOT30 -15	3000×1500×800	300	844	200*200	500	4

ZVB self-balance precision vibration isolation optical table

Support vibration isolation using two-air bag, high-damping holes, good stability isolation, easy adjustment, stable and reliable structure, self-balancing, automatic inflatable pneumatic implementation of all components, the use of imported products, an optional air compressor quiet gas source.

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■Specifications□

- Platform does not planeness:0.02□0.05mm/M2
- Surface roughness:0.8□1.6um
- Inherent Frequency:Vertical:1.2□1.5Hz;level:1.5□1.7Hz
- Reset the level of accuracy:±0.10mm
- Working conditions:3□7kg/cm2
- Compressed air or nitrogen bottle

■Model and Specifications□

Model	Three-dimension al size□mm□	Platform Thickness (mm)	Platform Weight □Kg□	Load capacity(Kg)	support-H (mm)	Support structure
ZVB09-06	900×600×800	100	81	400	700	4
ZVB10-07	1000*700*800	100	140	400	700	4
ZVB10-08	1000*800*800	100	145	400	700	4
ZVB12-08	1200*800*800	100	152	400	700	4
ZVB15-09	1500*900*800	200	259	500	600	4
ZVB15-10	1500*1000*800	200	275	500	600	4
ZVB16-09	1600*900*800	200	276	500	600	4
ZVB18-12	1800*1200*800	200	370	500	600	4
ZVB20-10	2000*1000*800	200	372	800	600	4
ZVB20-12	2000*1200*800	200	380	800	600	4
ZVB24-12	2400*1200*800	200	438	800	600	4
ZVB30-10	3000*1000*800	200	790	800	600	4

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ZVB30-12	3000*1200*800	300	825	800	500	6
ZVB30-15	3000*1500*800	300	844	800	500	6

OTBS series optical table support

Structural steel used to create high-quality, high elasticity rubber contact with the surface. Strong ability of anti-vibration, rigidity, and excellent stability. Fulcrum with finishing thread, adjustable height to ensure horizontal and vertical surface, the rationalization of a wide range of specifications designed to support the optical platform, the application of a wide range of economic.



Height □ 700mm

Adjustable range □ +30mm
-10mm

Model □

OTBS36-1

OTBS66-1

OTBS69-1

OTBS12-1

OTBS1218-1

OTSS series equipment support of platform

Equipment support of platform is the extension of optical platform application, independent place, can be placed oscilloscope, various controllers, adapters and other computer can not only make full use of the space above the optical platform and operating various types of equipment does not affect the stability of the platform sexual.

Aircraft equipment parts of the T-slot with a standard screw, according to the demand for convenient installation in a suitable location under the rack.

Frame for the modular equipment to facilitate the demolition of the assembly, to undergo a rigorous test to ensure that the use of toughness of rigid security.

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■Model and Specifications□

Model	L(mm)
OTSS-15	1500
OTSS-18	1800
OTSS-20	2000
OTSS-24	2400
OTSS-30	3000

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